



Innovation meets inspiration

HIGH-GLOSS FOR THE HORIZONTAL,
DEPTH EFFECT FOR THE VERTICAL
AND DESIGN VARIETY
FOR SEAMLESS TRANSITIONS

ON CLUB SHIPS AND FOOTBALL STADIUMS

Duropal in association with
wodego and Pfleiderer Industrie

The future is ,hybrid'

THE NEW DÉCOR TRENDS
RECONCILE CONTRADICTIONS

IMPRESSIVE SUSTAINABILITY

SUSTAINABILITY TRENDS AT DUROPAL AND
THE HPL ENVIRONMENTAL SCORECARD

R 6006 TERRA MACAO



HPL IS OUR WORLD

Dear Reader,

For many of our customers, Duropal HPL is an undisputed synonym for high-quality, robust and decorative worktops. This is something of which we are justly proud. In addition, HPL opens up many further fascinating and equally incredible application possibilities to the world of interior design and the furniture industry.

Whether stylish wall panellings, attractive furniture, durable doors or award-winning buildings: Duropal HPL combines apparently conflicting properties such as pliability and hardness – and offers a completely new level of design freedom.

The proof of this is before your very eyes: the second issue of HPLWorld. Immerse yourself in this world, and experience topics such as quality, creativity, innovation and sustainability from completely new perspectives.

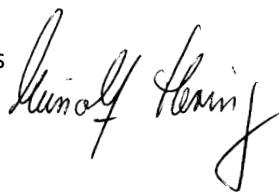
The journey leads from our company in Arnsberg direct to our customers. Make a stop for example at the new football stadium of TSG 1899 Hoffenheim, or put to sea in one of the newly-christened AIDA club ships. Encounter HPL designers, interior architects, students, marketing and sales professionals, trend researchers, artists and material and sustainability experts.

You can look forward to new developments such as the seamless laminate SolidColor or the unique service quality of topX, with which absolute high gloss is now possible even for surfaces subject to high levels of abrasion.

And what would HPLWorld be without fascinating décors? Here you can find out in which direction modern design is developing. We will show you the very latest colour and texture trends. And finally, experience the inspiring effect of the new Duropal HPL collection.

You will see that there is much to discover, and we would like to take this opportunity to wish you great pleasure in reading further.

Yours



Meinolf Hering_DIRECTOR



R 4211 COUNTRY OAK

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A MATERIAL DRAWS A BALANCE:

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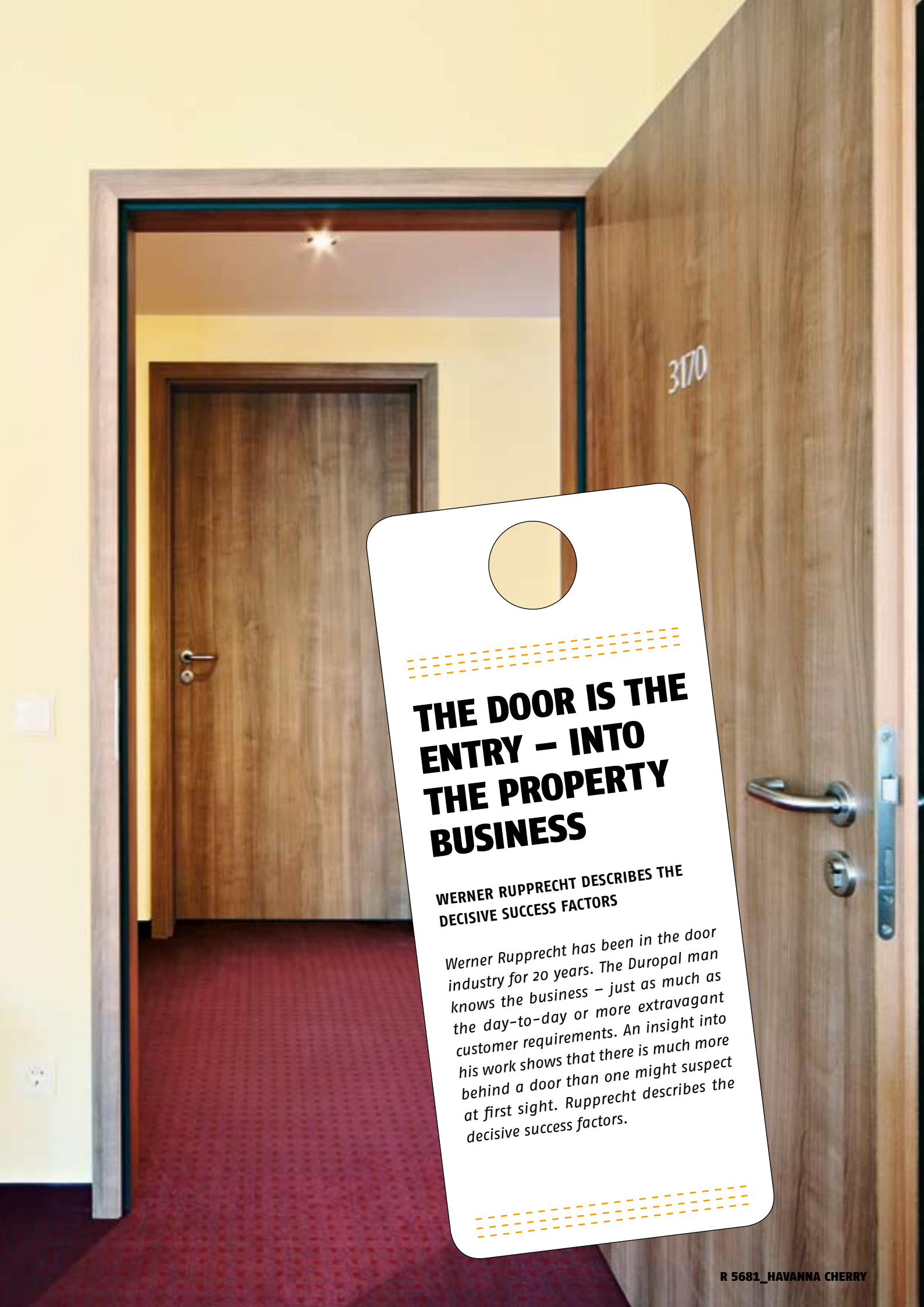
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interior design.



THE DOOR IS THE ENTRY – INTO THE PROPERTY BUSINESS

**WERNER RUPPRECHT DESCRIBES THE
DECISIVE SUCCESS FACTORS**

Werner Rupprecht has been in the door industry for 20 years. The Duropal man knows the business – just as much as the day-to-day or more extravagant customer requirements. An insight into his work shows that there is much more behind a door than one might suspect at first sight. Rupprecht describes the decisive success factors.

Durability

Doors are far from being all the same – even though they can all be opened and closed. There are doors which have to stand up to more wear and tear than others. "In schools, hospitals and office buildings, cheap doors would simply not be good enough. Such applications demand durability." With good reason therefore, Werner Rupprecht is welcome in the property business: "Doors with Duropal HPL are much less prone to warping and in accordance with EN 438 fulfil all requirements placed on them by the industry, by installers and architects. The spectrum ranges from fire protection to extreme resistance to moisture and humidity." Arguments which have already convinced many customers. These include amongst others the architects of the Essen University Clinic, the Goldmann 25hours Hotel in Frankfurt and the ZDF New Media building in Mainz.

Product variety

The door is the entry. In the truest sense of the word: in every interior design project, the doors are the first thing to be considered. "What is needed is a modern collection which covers all requirements, and with which architects like to work", says Werner Rupprecht. The complete interior design is derived from the relevant required décor. Whoever realises the doors therefore realises the whole project. Once more a case where Duropal scores heavily thanks to the colour match range from wodego and the cooperation with Pfleiderer Industrie: "This enables us to offer the doors and other heavily used surfaces in HPL, and the less-used surfaces with melamine faced chipboard in the identical décor."

Design expertise

The Duropal HPL door collection numbers 82 plain colours and wood reproductions. Werner Rupprecht knows that for the customer, it is not only a matter of the colour, but often also the shade: "Take for example the continuing, uninterrupted trend towards white: here it is not enough to offer just one décor. This colour alone is therefore available from Duropal in five different shades." The cool and pure white décor 'Icy White' above all has therefore developed into a big hit. Other top sellers include light grey and warm-coloured woods such as red Malaga cherry or maple. Also rising in popularity according to Rupprecht are the muted colours – above all the muddy tones.

Readiness for innovation

In addition to the quality of the laminate, surface textures, functions and sizes also make all the difference. Rupprecht: "Customers want innovations. And this is exactly what they get from us." This starts with every Duropal door décor being available in different surface textures, which continually set new highlights in terms of appearance and feel. Many décors of the current collection can also be offered in the new surface quality Duropal microPLUS®. "A surface finish with certified anti-bacterial effect: this constitutes decisive added value particularly in hospitals, laboratories and wellness areas", says Rupprecht of the enormous success potential of this new product. The trend to new formats was particularly apparent in hospitals: "Technical equipment is increasingly becoming part of the hospital bed. The doors consequently need to be wider." This is where Duropal can also meet

such special requirements, in the same way as with the door heights: "2.80 metres is not a problem at all. If required, we can go to individual length dimensions – even as high as 5.30 metres."

Partnership

When it comes to realisation following the planning, one thing is required above all in building construction: speed. "The customer wants the assurance that everything is going smoothly and as agreed. It is therefore important to us that we have all our door décors in our stock programme. The result is immediate availability", says Rupprecht, who also offers his clientele the door hem flange in the identical colour: "In this way we save the door manufacturers a double trip." Rupprecht knows that in every case, he has to offer more: "In this business, you can only be successful by guaranteeing consultation based on partnership, fast and punctual delivery and absolute reliability."



THE DECISIVE CUSTOMER BENEFIT IS: COLOUR MATCH

HOW THE COOPERATION BETWEEN PFLEIDERER INDUSTRIE, DUROPAL AND WODEGO SETS THE STANDARD IN INTERIOR DESIGN

The right range of products and services for every target group, together with the ideal sales channels: this is the claim of Pfleiderer AG, the parent company for the activities of Duropal, Pfleiderer Industrie and wodego. The following overview shows how major customers from the furniture industry, installers, architects and interior designers all profit from this accumulated know-how.

THE COLOUR MATCH RANGE

Your advantage: the colour match with



Your advantage: the colour match with



Your advantage: our partnership with



The colour match range from Duropal, wodego and Pfleiderer Industrie allows the customer the identical décor combination of high-quality, high-pressure laminates and melamine faced chipboard. Using the example of a counter, this means that the heavily-used surface can be made of tough HPL, and the front or body sections with melamine faced chipboard. In case of large quantities in particular, this results in optimised costs and identical colours every time. Interesting contrasts in terms of appearance and feel can also be created through the use of different surface textures. Most decors of the colour match range are available in popular sizes direct from stock. In this respect, Duropal and wodego benefit in the international wood wholesale trade from a comprehensive, worldwide network of dealers.



In the cooperation with Duropal, Pfleiderer Industrie is the 'problem-solver' for the furniture, door and special industry. Here the products and services of the brands Duropal and wodego are brought together to form a complete package for major international customers. The focal areas consist of kitchens, bathrooms, living rooms and offices. At Pfleiderer Industrie, the customer benefits from the complete product range and expert service from a single source – and can therefore also make use of all the advantages of the colour match range.

DUROPAL

wodego

Duropal is the specialist for decorative high-pressure laminates (HPL) – from the point of development to the production of complete HPL elements. Interior design customers are offered equally versatile and high-quality materials which perfectly combine apparent contradictions such as workability and hardness. With product innovations and new décor collections, the sales association between Pfleiderer Industrie and wodego continually sets new trends in every possible sector. And Duropal also provides expert contact partners in internal sales for every target group.

wodego is the professional when it comes to melamine-faced decorative panels (DP) and raw core materials with properties ranging from moisture-resistance to fire-resistance. The youngest brand of Pfleiderer AG thereby demonstrates its competence in matters of stock range and efficient logistics. For customers in the specialist wood trade and classic property business, wodego in cooperation with Duropal offers a comprehensive range of wood-based materials which can be available in the shortest possible time from the network of wodego dealers.

THE INTERIOR DESIGN COLLECTION



THE CORE MATERIALS



THE COLOUR MATCH RANGE



THE WORKTOPS



THE HPL EXTRAS



**HPL AND MATERIALS
FOR DOORS**



WHAT'S IN IT FOR THE CUSTOMER?

THREE QUESTIONS TO WODEGO MANAGING DIRECTOR ULRIKE HILGER

In a brief interview, Ulrike Hilger talks about the advantages of the colour match range and the stock programme, and the further common objectives of Duropal and wodego. Customers have something to look forward to – and are already benefitting from further synergy effects.

Mrs. Hilger, what advantages does the combination of wodego and Duropal offer for your customers?

Firstly, our customers in Germany, Austria and Switzerland profit from the joint sales performance. In wodego, there is only one common contact partner, which however stands for two strong brands with their corresponding product and process know-how. At the moment, with the Mercuri Project, we are working on improving this cooperation between the sales organisations of wodego and Duropal even further. We aim to create further synergies, agree on future structures and develop decisive stability criteria for proactive servicing of the market. This will be done in close cooperation with our dealers. For the whole process, this means fully integrated and sophisticated care of the various parties involved.

What role does the colour match range have to play in this respect?

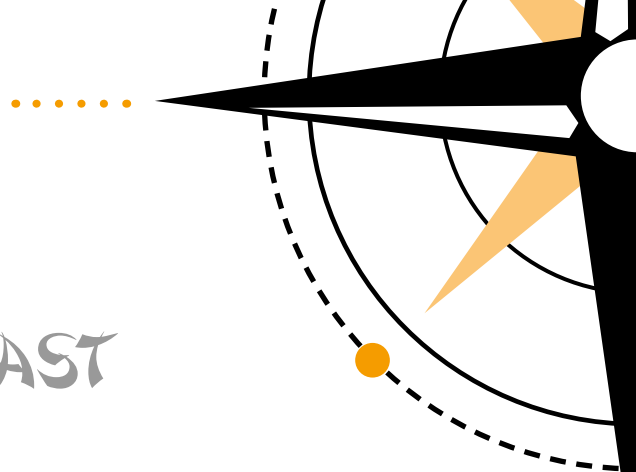
The colour match range is the central element of the combination, because ultimately it provides the necessary technical solution and cost savings for the customer.

This is true in the real-estate business in particular, where large quantities are sometimes involved. Let me give you a couple of examples: If melamine-faced decorative panels are used in large properties on vertical services such as fronts instead of HPL, this can sometimes provide decisive cost benefits for the customer.

On the other hand, a building may place different requirements on the material used. In this case, thanks to the colour match range with different core materials – from standard to moisture and fire resistant – together with melamine or HPL laminate, we can ensure that the design concept can be pursued without hindrance. The materials provide the required technical properties, while the décor used ensures a consistent and matching appearance. But even on a smaller scale, the colour match range guarantees that everything appears in a consistent look, and that the material meets requirements.

How does wodego address the service considerations?

Customers want to have to overcome as few obstacles as possible when making their purchase. Or ideally none at all. Probably no supplier will be able to fulfil this ideal, but we are working on it. What is important is that our services are measurable and reliable. Because this is all part of the service. We have therefore developed an innovative logistics concept consisting of many components, which mean that the products are delivered to the customer quickly and reliably. The basis of wodego's logistics and service concept is a comprehensive stock programme. Our trade customers in particular benefit from this rapid availability, since it enables them to react all the more quickly to major enquiries or the needs of installers. In conjunction with the large HPL warehouse of Duropal, this results in an extremely large and complete stock range for interior design.



PLENTY NEW IN THE EAST

HOW DUROPAL IS FARING WELL IN THE VOLATILE CHINESE MARKET

"When I first visited China over 20 years ago, I could not imagine ever successfully conducting business there", Volker Lange says of his first impressions. A great deal has happened since then. The rapid economic and social developments in China have completely altered the face of the country and the market. Today, China is one of the most volatile and contrasting business locations in the world. And in the middle of it are Volker Lange and his team of the Pfeleiderer Asia-Pacific Representative Office.

One of the most important tasks of Thomas Erhardt, Jessie Bi, Nick Wang and Office Manager Volker Lange was, and still is, to establish Duropal as a quality brand on the Chinese market. No easy job, when one considers that nine out of ten German projects in China fail with monotonous regularity. "The problem frequently lies in the approach", according to the analysis of Volker Lange. "Anyone who comes here to make a fast buck, and thinks that they can conquer the market in the blink of an eye has actually already lost." For Pfeleiderer AG with its brands of Duropal, wodego and Pfeleiderer Industrie, one thing was clear from the beginning: China is a long-term investment.

A fast contract conclusion does not count – instead they rely deliberately on key accounts, which are looked after specially. "Here we are 12,000 kilometres away from each other – including culturally. It is

therefore all the more important to know exactly what the customer wants." In order to come to terms with these special circumstances and requirements, one must first allow oneself some time. The main priority is getting to know each other personally and developing mutual trust. While the culture for new business relationships in Europe is for many procedures to take place automatically, and all that often remains is to agree on ways and means, in China the foundations of a business relationship have to be built from the ground up. Everything has to be specified down to the last detail, in order to avoid misunderstandings from the very beginning. If possible, Lange takes his Chinese business partners with him to Arnsberg, in order to demonstrate to them on the spot the high performance capability and the development expertise of the Duropal brand. The close cooperation as early as the product development stage is a major decision-making criterion for many Chinese partners, since this gives them a decisive lead in the highly-competitive domestic market.

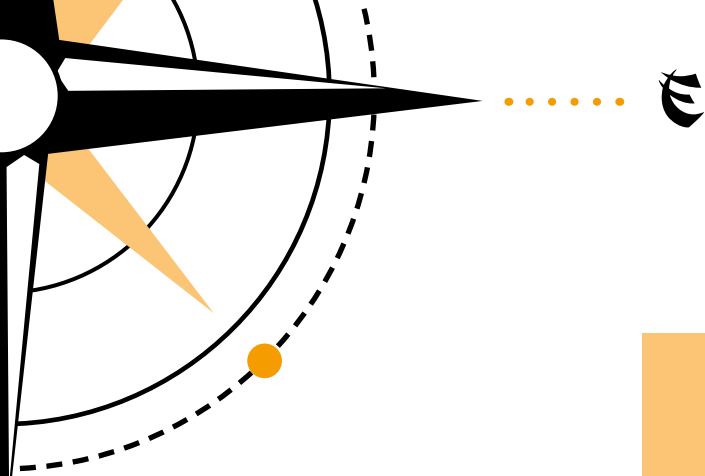
The concentration on key accounts and a customer-orientated marketing strategy are however only a part of the secret of success. The fact that Duropal is one of the leading imported brands in China is also due not least to the selection of the right sales partner. "Today's trade network, which covers all the major cities, has its origins in a 20-year cooperation with our main

distributor, and his vision of publicising the Duropal brand", emphasises Volker Lange.

How well the umbrella brand of Pfeleiderer AG (and, in turn, Duropal) is integrated in the Far East market was shown in June 2008. On the initiative of the Pfeleiderer Asia-Pacific Representative Office and a good friend in Beijing, several large furniture manufacturers came together to form a partnership. This was an extremely unusual occurrence in the Chinese business world, which is characterised by takeovers and cut-throat competition.

No less unusual was the place in which this cooperation was sealed. The signing ceremony was held in the Great Hall of the People in the Square of Heavenly Peace, an honour granted to very few Chinese companies, let alone foreign manufacturers. The ceremony was also attended by Chinese business TV, which broadcasted it live throughout the country.

An invaluable image coup, which contributes towards strengthening the awareness of Chinese consumers for quality and brand products, and making other companies aware of Pfeleiderer and Duropal. And Volker Lange is sure of being able to fulfil the expectations which have been aroused with his team. In his view, there are four decisive factors in favour of Duropal. First, the consistent orientation to the circumstances and needs of customers; secondly,



the early involvement in product development; thirdly, the trust and mutual commitment to close cooperation; and last but not least the quality seal 'Made in Germany'. For this is backed up by product innovation, quality, environmental protection aspects and contemporary design. "Our Chinese business partners are also keen to keep up with international trends, and also rely on the flair of Duropal, both in terms of the materials and also the design." And the product range is also scoring well in China with the new HPL collection – in particular also because the sales network is functioning perfectly. "Thanks to our experience and performance capability, we are in a position, together with our capable local partners, to be the first to introduce new trends from Europe onto the Chinese market", explains Lange with a certain pride.

The opportunities are therefore there to continue setting the trend on the highly-volatile Chinese market, with HPL quality and design made in Arnsberg. And thanks to the untiring dedication of the Pfeleiderer Asia-Pacific Representative Office and Volker Lange, Duropal will also continue to take advantage of these opportunities in the future.

Centre left_ Shanghai, one of the most modern cities in the world

Centre middle_ Live broadcast from the Great Hall of the People

Centre right_ Modern design in shopping centres

Bottom_ The Duropal highlights in Chinese



When was that?

THE GREAT KNOWLEDGE QUIZ –
'50 YEARS OF DUROPAL'

50 years of Duropal. That means 50 years full of world innovations and new beginnings. The HPL specialist has set new quality standards time and time again. From the early beginnings with laminated panels, to the groundbreaking development of HPL as an accepted industrial material, and on to outstanding product innovations such as the anti-bacterial surface finish Duropal microPLUS®. In short: since the time of the economic miracle, Duropal has been a guarantee of quality. Much has also taken place in the field of productivity and service. But how well do you personally know the success story of Duropal? Take the knowledge quiz, and find out how much you really know about Duropal. One small tip: the answers are given in the bottom-right corner.

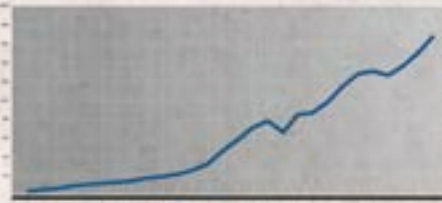


GERMANY SEEKS THE SUPER SIZE.



Duropal sets new standards with the new size 410x122 cm. Manufacturers of kitchen worktops in particular are delighted. Duropal consequently secures for itself a market share in Germany of over 60% in the area of kitchen worktops.

- a) 1970 b) 1963 c) 2002 d) 1989



THE COMPETITION IS TOUGH. DUROPAL HPL IS TOUGHER.

Despite the change in the fitted kitchen market and the effects of the oil crisis, Duropal holds its ground. For the first time in the company's history, sales break the 100 million D-Mark barrier.

- a) 1965 b) 1993 c) 2005 d) 1979



TIME FOR RESTRUCTURING.



Duropal comes up with revolutionary development in Germany. The product innovation OX, the textured HPL surface finish, achieves previously unknown scratch-resistance, attracting a great response from customers.

- a) 1986 b) 1958 c) 1969 d) 1997



YOU ONLY LIVE TWICE.

Duropal GmbH is re-founded as part of the restructuring of Pfleiderer Holzwerkstoffe. The successful comeback of Duropal is celebrated with an independent brand image.

- a) 1967 b) 1973 c) 1986 d) 2007



OFF TO NEW SHORES.

With the permanent representation of Pfleiderer Holzwerkstoffe in Singapore, the Duropal brand establishes itself firmly on the Asian market. Singapore becomes the base for the coordination of business with Korea, Japan, Hong Kong and Taiwan.

- a) 1987 b) 1995 c) 2000 d) 2008



"SETTING TARGETS WHICH OTHERS HAVE NOT DARED TO ENVISAGE."

Paul Wrede gives up traditional wood-processing and devotes himself to decorative laminated panels. He fires the starting shot of a success story which has continued to the present day: with the start of production under the name of Duropal.

- a) 1880 b) 1958 c) 1947 d) 1963



A WORLD-CHAMPIONSHIP PERFORMANCE.

With a pressure of 5,300 t for 6 million m² of laminated panels per year, the new press at the Duropal works in Bruchhausen lays the cornerstone for future business success in Germany and worldwide.

- a) 1954 b) 1966 c) 1973 d) 1990



GOOD TO BE SO REPELLENT.

The team of experts works on its development for around 15 months, and finally it is ready: the new anti-bacterial surface finish Duropal microPLUS® is here. Even independent testing institutes are delighted, although not the bacteria.

- a) 1988 b) 2009 c) 2007 d) 1989

HOW MUCH DO YOU REALLY KNOW ABOUT DUROPAL: THE EVALUATION.

0-3 correct: Your success could still be upgraded.

The good news first: you live rather in the present than in the past. A little help in matters of history however would not do you any harm. Our tip: look at the answers and take the quiz again. This time you are sure to do better.

4-7 correct: HPL is your world.

Congratulations. Nobody can fool you so quickly, because you are already a real Duropal professional. And because you are already so familiar with the past, you are sure to be excited about what the future will bring. This magazine gives a few insights into how the success story of Duropal is continuing.

8 correct: Are you the reincarnation of Paul Wrede?

Attention! Duropal is your company, because you know it like no other. Whether new product developments, sales history or company balance sheet, you have the right answer to every question. And to the next one: did you perhaps cheat a little?

Maximum quality claims with, by and for Duropal.

The Richter Möbelwerkstätten have long maintained close cooperation with Duropal, and in a dual sense. Because in the company building in Fürstenuau they not only work with Duropal, but also for Duropal. As an exhibition constructor, the Richter Möbelwerkstätten have been working with the Arnsberg company since the early 1980s. In the interview, Reinhard Richter talked about the beginnings, the present and the future of their successful partnership.

Mr. Richter, since when exactly have you been working together with Duropal?

We have been working with Duropal as a material since the company first went into business in the year 1976. Our cooperation with Duropal as a customer dates back almost as far. Since about 1981.

How did this cooperation come about?

A designer who we already knew from other projects was in contact with the Duropal founder Paul Wrede in person. The matter in question was the construction of an exhibition stand.

Can you still remember any special features?

Exhibition stands at the time were so constructed as to allow visitors such as designers, architects and builders to find out more about the material, but also to convey more strongly what the material is suitable for, and what can ultimately be constructed with it, if it is worked professionally. We were quickly able to get this quality over to the people concerned, and thereby won the initial confidence of Duropal, and also some orders.

Can you give us another example?

In about 1983, Duropal established a branch works, whose task was to produce and market special elements with an angled shape. Our company was also heavily involved here in the presentation of these products at exhibitions such as Interzum or Euroshop. We even presented at Euroshop a cantilever table with a span of 4 metres, which had been made by us using a PU core covered with Duropal HPL laminate.

So this initial confidence continued to grow with time. Are there also things from these early times which you miss today?

Yes. Years ago, we used to sit down together at the beginning of every new calendar year and discuss which exhibitions we wanted to attend, and what special features we wanted to concentrate on in the marketing field. The necessary capacities were then taken into account and planned accordingly. Today one only learns about developments with very, very short notice, which leads to stress situations.

So the market has changed. But your company is also no longer the same as it used to be, you too have also greatly extended your range of services?

Today we do everything from building-, shop- and exhibition-fitting, to interior furnishings, series production furniture and banks, and on to partition wall systems and interior fittings for ships. This has been developed over the course of time so as not to overstrain our capacity utilisation.

And how did things continue regarding the cooperation with Duropal?

Duropal, and the whole company group, continued to place their confidence in us, and give us orders.

And how do you in turn assess the cooperation as a user of Duropal materials?

The cooperation and the service are absolutely excellent. Due to the various cooperative efforts, the people in the different departments know each other very well at



Top_ Modern bank facilities, one of the many areas of business of the Richter Möbelwerkstätten.

the personal level. This helps us when things sometimes have to happen very quickly, and enables us to obtain materials without long delivery times.

In what areas do you currently use HPL laminates?

HPL laminates are used in a wide range of different areas such as hotels, buildings, kitchens, medical practices, hospitals, care facilities, interior ship-fitting, shop-fitting and office extensions. You could say everywhere where design and durability are needed. We have just finished the furnishing of a villa on Lake Geneva. Here too, Duropal was used in several different areas. This year we will also complete a larger order in Uzbekistan, where we will also try to use Duropal materials. We are also fitting out large national and international exhibition stands, at the moment for Interzum 2009.

The future cooperation seems to be already firmly planned. Speaking of the future, how important to you are product innovations or new collections?

Both are very important to us. We want to find out about them as early as possible, so as to show these new products to our designers and customers, and use them wherever possible.

And what does the future look like for your own company?

The Richter Möbelwerkstätten will continue to develop further, in order to remain at the cutting edge of the technology, and therefore to be able to serve the market even more capably and quickly. Our next major investment will be the commissioning by mid-year of an EDP-controlled warehouse accommodating a high-performance panel saw.

If there was something else you could still wish for from Duropal, what would that be?

Our wish from Duropal would be to continue working together just as well with all the employees of Duropal, and extending and consolidating our mutual confidence and know-how.

SETTING NEW RECORDS WITH DUROPAL



**THE FORMER WORLD-CLASS SPRINTER SILKE KNOLL ALSO WANTS
TO SCORE TOP MARKS FOR THE HPL SPECIALISTS**

A company demonstrates its quality in its products – and in the selection of its employees. Duropal therefore pulled off a coup in early 2008 when the Marketing Department was strengthened by the addition of the three-time Olympic qualifier, European Champion and many times German National Champion Silke Knoll. The former sprinter brings with her all the virtues from athletics which are also needed in marketing: unswerving ambition, unshakeable belief in the matter in hand, fast decision-making skills and – something indispensable for eight hours training per day – plenty of stamina. HPLWorld gives an insight into the sporting and professional career of Silke Knoll.

THE GREATEST SUCCESSES

Silke Knoll celebrated her first success in 1985 by taking the title of German Youth Champion in the 200 metres. Three years later, she established an indoor world record with the other members of the 4x200 metres team of SC Eintracht Hamm. She spurred to the very front of the international success trail with the German Women's 4x100 metres team: Silver at the 1990 European Championships, 4th place at the 1992 Olympics, Gold at the 1994 European Championships ("The best moment of my career") and Bronze at the 1995 World Championships. As the only 200-metre runner, she took 5th place at the 1990 European Championships and 5th place at the 1995 World Championships. This impressive tally was rounded off by an incredible 24 German championship titles and several other international top placings. Born in Rottweil, she still holds the unofficial German record

for the 300 metres, at 35.81 seconds. And in view of the fact that we currently have no outstanding 200-metre sprinter, it is a great shame that she is not 10 years younger: with her personal best time of 22.29 seconds for example, she would easily have taken the Gold at the 2006 European Championships.

THE DREAM OF THE OLYMPICS

Three times in succession, Silke Knoll represented Germany at the Summer Olympics: 1988 in Seoul, 1992 in Barcelona and 1996 in Atlanta. Once taking 4th place with the team, and once reaching the 200-metres semi-finals – a result not to be sneezed at. When hearing the saying "Taking part is everything" however, she can only produce a tired smile: "Of course it is the goal of every top athlete to take part in this event. But when you are there, you also want to achieve something after all the effort of training and preparation.

For this, the general conditions have to be right. And at the Olympics, they have never really been right." The first problem: "You have to live in an Olympic Village, which at least in those times was no better than living in a second-rate youth hostel." The second problem: "In some cases athletes from different disciplines were accommodated in the same room, and then everybody does their own thing. It's no joke when the decisive day comes for you, and your roommate gets up at four in the morning to loud music to complete her morning ritual, with a hair-dryer in her hand."

RETIREMENT FROM SPORT

Anyone who knows Silke Knoll also knows that the sprint and the stadia of the world were and still remain her passion. And she could keep pace with the best at any time. For good reason, she returned several times to the athletics stage following her official retirement in

1998 – when the farewell speech was given by no lesser celebrity than sprint-ace Linford Christie. Top sporting performance however is not always rewarded with top earnings: “I was always completely concentrated on the sport, and also made a good living every year. In athletics however, the really big money goes to only a handful of sportsmen and women in very particular disciplines. So the moment finally came when it became clear to me: now is the time to make a change.” It was 1993 at the World Championships in Stuttgart, when Silke Knoll had reached the 200-metres semi-finals “and suddenly nothing mattered any longer”. But it did still matter, because although she soon completed her training as an advertising specialist in a Dortmund full-service agency, she still stayed with the sport. The daily schedule: until 5pm in the agency, then training until 9pm and finally studying until one in the morning. But this did not slow her down at all. This was followed

by a part-time position in a multi-media agency, “but there wasn’t much prospect of progress there”. After her retirement from sport, she changed from the agency to the customer side: first as an advertising assistant and then, after a correspondence course in business sciences, as a marketing manager. This path finally led her to Duropal in Arnsberg.



THE TIME AT DUROPAL

As a former top athlete, she could easily have joined one of the major sporting goods manufacturers such as adidas. “But such jobs in particular involve a great deal of travel.” And Silke Knoll has already travelled more than enough for her own taste. “Basically, I never had a place to call home.” The job profile at Duropal

therefore fitted perfectly into her planning. And after only the first year, the provisional conclusion was extremely positive: “The position here in operational marketing offers me the perfect elbowroom. I prefer to work independently. This department, which has a very high standing in the company, is simply ideal.” And Silke Knoll has once again set herself ambitious objectives: “Although we have already achieved a great deal, there is much more to come in the future. Duropal has demanding values. It is therefore all the more important to me that this brand conveys a uniform image worldwide, and is also perceived in the same way.” She sees a further important task in conveying to customers the advantages of the colour match range of Duropal and wodego: “This colour match range offers almost unique possibilities to interior designers. And this is exactly what we have to communicate more strongly.” Anyone who knows Silke Knoll also knows that she will also succeed in this.





DETLEV GÜNTHER AT SCHMIDT KÜCHEN RECOMMENDS OPTIMUM CONSULTATION, THE BATCH SIZE E1 AND THE OUTSTANDING COLOUR MATCH RANGE OF DUROPAL AND PFLEIDERER INDUSTRIE

"Which room in the house is the communications centre, and therefore the focal point of every party?" The answer to the question of Detlev Günther is superfluous. For 15 years, this trained carpenter and interior designer has been setting the style at Schmidt Küchen, France's market leader and Europe's fifth-largest kitchen furniture manufacturer. In essence, Günther has turned his hobbies into a profession. In addition to his penchant for design, this impassioned amateur chef nurtures a great passion for French cuisine. Considering his workplace, this is the ideal combination: the head office of Schmidt Küchen is located in Lièpvre in Alsace.

In conversation with Günther, one thing quickly becomes clear: anyone would like to have him as their own private kitchen planner. But he is quick to give his assurance that this assembled expertise can also be found in every consultation studio of Schmidt Küchen. Currently the company is represented in 22 countries – including 230 consultation studios in France and 60 in Germany. The name of the studios was chosen quite deliberately, because Günther knows from experience how important good consultation is when it comes to the subject of 'kitchens': "According to a survey, 66% of all kitchen-buyers become dissatisfied after only two years. The main complaints are that the work surfaces and storage areas are too small." Günther's tip to all those in this situation: "Go through every corner of your kitchen, and get rid of everything that you have never used more than once." The sandwich-maker and the soft ice-cream machine can go – amongst other things.

Anyone who does not want to let it get to this situation in the first place should obtain comprehensive advice at the planning stage: "You don't buy a kitchen as an impulse purchase. Find yourself a good consultant, who will also visit you at home. A professional consultation takes up to 24 hours, spread out over several discussions."

And how does one know when the advice is good? "The movement paths in the kitchen should be planned as economically as possible. Everything should be close and immediately to hand. A good consultant also never cuts corners when it comes to work surfaces. The worktop of a professional kitchen should always have a depth of 75 centimetres, not just 60." For all further planning steps, Günther has a simple formula: "Less is more. Earlier, kitchen design was very detailed. As a result, with a cabinet width of 60 centimetres, several doors and drawers had to be opened in order to get everything together. Today it is better to choose a width of 1.20 or even 1.80 metres. This looks more elegant, and can accommodate a lot more. This provides a better overview with less effort." Planning should also be carried out always along the wall and not round the corner: "Corner cabinets are out and bring no benefit."

In the case of a compact concept, the economic aspect must also be complemented by the ergonomic. "Three to four metre high side cabinets, from floor to ceiling, are ideal. Here I have enough space to accommodate both the refrigerator unit and the oven unit. Always at eye level. There is after all no good reason why I should have to bend down to look into the oven." And because Günther himself is over 6 ft tall, his worktop is not at the normal height of 91 centimetres,







but 103 centimetres. "Even if one has a shorter partner: more height is less strenuous for a shorter person than too little height for taller people." Anyone who wants things even more ergonomic can decide on soft opening and closing for drawers and doors, which are also available if required with electronic assistance. "This dispenses with handles, and as a result looks simply more aesthetic."

According to Günther, functional solutions are becoming increasingly important: dishwashers should be quiet, the ice-crusher and coffee machine installed in the same way – and the refrigerator should offer the possibility of zone cooling: "That is what I have at home. Here a lettuce keeps for around 14 days." Specialists consider the induction oven as a revolution in the kitchen: "This is the latest thing. Particularly in France, where people traditionally cook with gas." Customers are also increasingly placing value of ecological aspects: "Electrical appliances must be energy-saving, water resources must be spared and waste-separation systems must be sensibly integrated. The subject of the environment is very important to our customers at the moment."

The signs of the times were also recognised at an early stage at Schmidt Küchen when it comes to matters of design. "The kitchen is becoming increasingly individual, and the possibilities for such individuality even better." In other words: "a few years ago, it was still unaffordable and in many cases not even possible to produce an individual décor. We now have the technology. The dream of the absolutely individual and yet still

affordable kitchen has therefore now become a reality." For this reason, Schmidt Küchen is one of the few manufacturers to recommend batch size 1: "In this I see an enormous opportunity. And if the customer really wants it, we can also produce for him his own personal Barbie kitchen."

Günther accordingly places great value on flexibility in the selection of his suppliers. He considers himself to be in good hands with Duropal and wodego: "As an commercial customer, we purchase the materials of both brands through Pfleiderer Industrie. These make up around 50 percent of all the décors we use. I have known this company now for 30 years, and have always been satisfied. Every single one of our décor requests is complied with 100 percent." And what is particularly important to him: "The colour match range from Duropal and wodego, and the consequent matching décor combination of high-pressure laminates and direct laminates. This is unobtainable anywhere else. We can therefore offer coloured interiors to match the fronts, which in terms of high quality is an absolute must."

How much Schmidt Küchen relies on the innovative capabilities of Duropal is demonstrated by the company's only showroom, covering an area of 3,000 m²: the new gold leaf décor, like many others, practically sells itself, and the surface texture innovation Crystal Stone can be found on every other worktop. And there is still much more to discover – in every individual consultation studio.

"WE ARE THE SPECIALISTS"

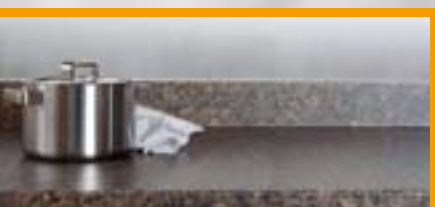
WHEN ACCESSORIES ADVERTISE THEMSELVES

Everybody is talking about Duropol HPL. Especially when it comes to the subject of 'worktops'. But the worktop alone is not enough, because without the matching accessories, even the best worktop fails to make a good impression. For this reason, HPLWorld describes the individual accessories and asks the question: what do you actually do?



BACKPANELS

We are a highly-interesting alternative to the well-known tiling strips, and protect the kitchen wall against water, vapours and unsightly grease splashes. We can be used in an identical colour to the worktop, or achieve interesting contrasts by using another décor. We can be attached quickly and easily – for instance with fitting adhesive. This gives us a firm grip, and if required we can be removed easily and taken along when moving house. We are available in all décors. And in order to avoid excessive stockholdings by the Duropal trade partners, our 4,100x600 mm size has a different décor on the front side than on the rear side.



UPSTANDS

As the little sister to the niche rear wall, we are the inexpensive and hygienic alternative to tiles. When it comes to variety of décors, we are in no way inferior to our big sister. With our ideal size of 4,100x120 mm, we enhance any worktop. And you can also rely on our internal values. This is ensured by the core of moisture-resistant P3 chipboard. Provided that we are carefully fitted, we provide an absolutely tight fit, so that water has no chance of penetrating.



EDGING

Tastes differ, which is why we come in two variants: as robust HPL edges for the professional fitter or as melamine edging for the DIY fan. In the first version, we only work with the professional. In the second version we can be fitted much more easily to the worktop: simply run the iron over us, and our hot-melt adhesive will finish the job.

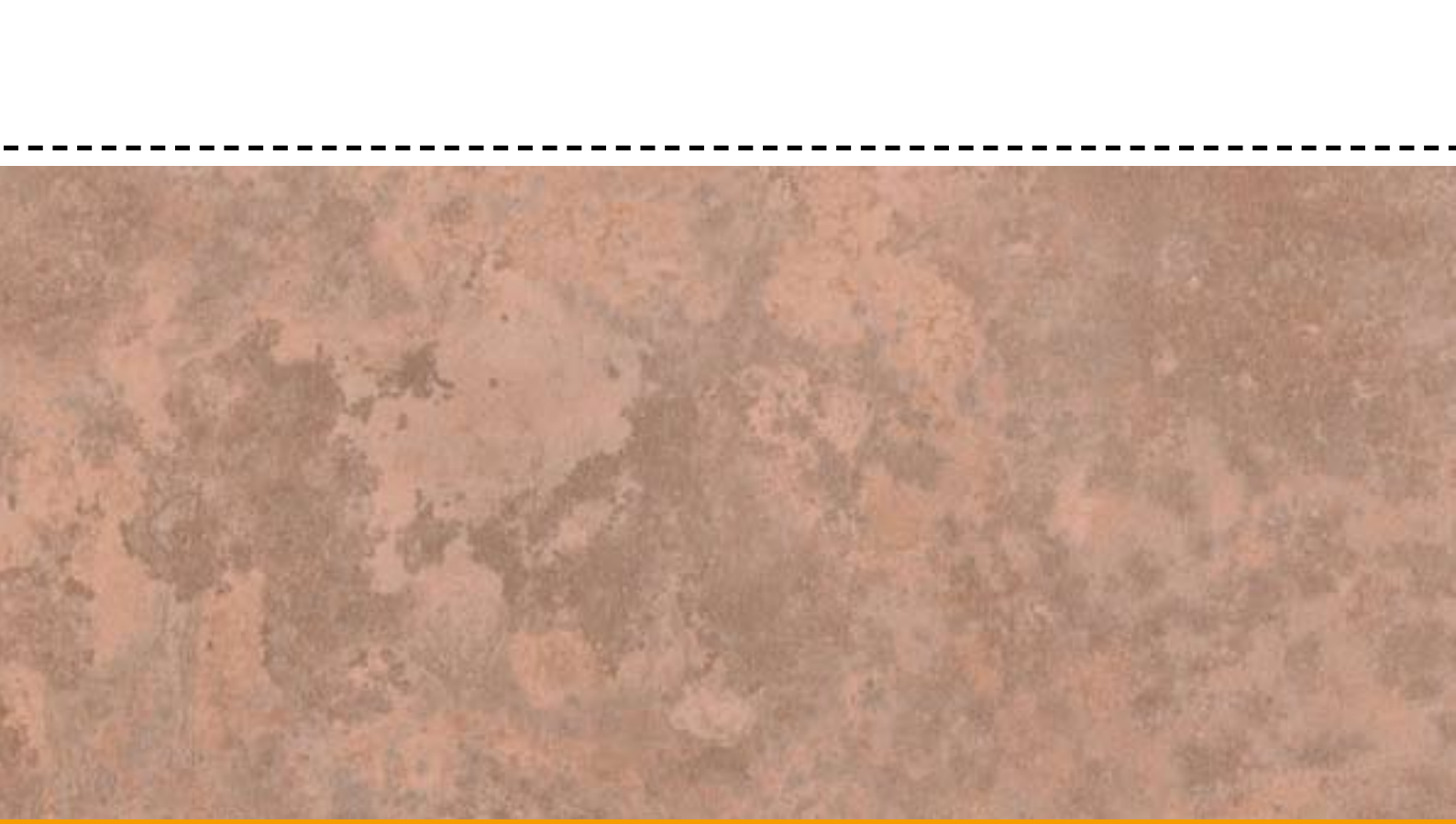


CONNECTING WALL PROFILES

We are the specialists for neat and attractive wall connections. Depending on requirements, we can be used in the two profile variants Dessino or Delta. When it comes to our design, the choice is enormous: we are usually used in the décor matching the worktop. Anyone who wants a little more contrast will decide on our aluminium or stainless-steel versions.

ACCESSORY SETS

We round off the whole package, providing a range of matching internal and external corners to finish off the profile neatly and attractively. And if the worktop goes around the corner, or for other reasons has to be installed in several sections, we have the matching connection profiles for every individual application.



LIKE THE GENUINE ARTICLE.

WITH THREE INNOVATIONS,
DUROPAL COMPLETELY REINTERPRETS
THE SUBJECT OF 'SURFACE TEXTURES'

Only better.

The name could not have been better chosen: although the surface is absolutely smooth and level, gentle waves create a purely visual depth of several centimetres. As a result, rooms appear larger – and above all more interesting. The observer is plainly bound by the new surface texture Illusion (LL). This impression is reinforced by a 3-D effect, whereby the dimensions and the fine gloss shift with every new viewing angle.

"With this surface texture, the emphasis is clearly placed on the appearance. We therefore recommend Illusion in combination with plain colours used in vertical applications", says Peter Röhr. The Duropal Product Manager sees great potential for the new surface texture particularly in high-quality interior design and building furnishing: "A good example would be boutiques or hotels, which with Illusion can create completely new worlds of sense and experience."

PREVIEW: ILLUSION

R 6000_RED HOT SUNGLO

topX

Harder, more resistant to scratching and abrasion, stronger and more durable: this is Duropal topX. Or as Peter Röhr puts it: "The best Duropal HPL which is available in high-gloss." Röhr is sure that this new surface texture quality will revolutionise the market. And the laboratory figures prove him right. While high-gloss surface textures have so far been designed only for low to medium levels of wear, topX can withstand even the highest levels of wear. This makes this innovation ideally suitable for horizontal applications. An example: "A high-gloss worktop in black would previously have been unthinkable, since this sensitive colour shows up even the smallest scratch. But that was then. With topX, we have produced the hardest high-gloss HPL that money can buy." As a result, the new surface finish is ideally suitable for metallic and plain colours and wood reproductions. Once again the Product Manager goes into raptures: "An oak décor with golden applications and this surface finish – that is beauty to perfection."

Duropal developer Herbert Klein is unwilling to reveal the secret of how topX is made: "I can only say that the unusually good mechanical properties of topX not only meet all the requirements of the laminate standard EN 438, but far exceed them." topX therefore opens up completely new design and usage possibilities – and due to its very high resistance to acids is even suitable for use in the laboratory.

As a specialist for decorative high-pressure laminates, the Duropal brand has in particular made a name for itself in the development of innovative surface textures. "An attractive décor only works properly with an outstanding surface texture. The interplay of these two components must provide a genuine experience, both in terms of appearance and touch", says Duropal Product Manager Peter Röhr. Here he has in mind for

example the deceptively genuine stone surface texture of Crystal Stone, or the natural appearance of the wood reproduction Rustica, both of which are already firmly established on the market. Customers once again have something new to look forward to – the hardest Duropal high-gloss surface texture so far, topX, and the new, fascinating surface textures Illusion and Fine Grain.

FINE GRAIN

A matt surface finish offering a tactile experience, which is able to withstand mechanical wear, and is therefore perfectly suitable for horizontal applications: these were the requirements behind the development of Fine Grain (FG). The second brand-new surface texture from Duropal is convincing for its fine grain effect, which can be both seen and felt. "This makes plain colours look more refined, and wood reproductions more interesting", promises Peter Röhr, who sees in Fine Grain a counter-trend to the high-gloss surface finishes: "Whether in kitchens, on counters or in furnishings: matt is always in demand, since its resistance to stress and durability in particular play a major role. We have satisfied these customer requirements with Fine Grain."

R 4366_NATURAL DAKOTA OAK



TWO FANS OF THE DUROPAL BRAND

AT DIENER & WISSING THEY RELY ON THE VERY HIGHEST QUALITY – AND THE INNOVATION POWER OF THE SEAMLESS LAMINATE HPL SOLIDCOLOR



"This product arouses our passion." Relatively normal, when a company says that. Extremely unusual however when the customer says it. In this case, the customers are Holger Diener and Knut Wissing. The passion of these two cabinet-makers is for furniture production – and the creation of high-quality individual pieces. And the product which arouses their passion is Duropal HPL SolidColor. HPLWorld visited their workshop in Iserlohn and found there two genuine fans of the Duropal brand.

DIENER & WISSING ON DIENER & WISSING

'Quality' plays a great role in the vocabulary of Holger Diener and Knut Wissing. "Nothing leaves our workshop unless it is of absolute top quality. We cannot and will not tolerate faults", is their joint philosophy. The substance behind this can be seen immediately on opening the door of their workshop in Iserlohn, Germany. Although the place is very busy and the woodchips are flying everywhere, everything still looks orderly, clean and logically thought-out. If the first impression is right, these two have already won.

Since its foundation around ten years ago, this seven-man business has specialised in the production of individual pieces of furniture. The regular customer base includes private individuals and catering businesses, as well as doctors' practices and companies of all types. All have the same requirement in the design of their furniture for canteens, reception rooms or living rooms: quality. And the fact that this is an absolute priority is demonstrated amongst other things by full order books. "The shop is in full swing", says Holger Diener with visible satisfaction. The people at Duropal have also become aware of the strengths of Diener and Wissing. The short distance between Arnsberg and Iserlohn is another reason for not only

supplying the workshop, but also making use of its services. Duropal has therefore become the second mainstay for Diener and Wissing over recent years. Whenever the HPL specialist needs such things as new displays for its exhibitions or dealers, the order goes to Iserlohn. A cooperation from which both sides profit: from the maximum possible level of quality.

DIENER & WISSING ON DUROPAL

"What Kleenex is to paper handkerchiefs, Duropal is to worktops. When one becomes successful in this trade, the name Duropal always comes up." Despite this praise, Holger Diener knows from his own daily practice how flexibly Duropal HPL products can be used for a host of applications other than worktops: "This very robust material has become increasingly softer and pliant over recent years – and therefore increasingly easy to work with. The improved post-forming properties open up further new possibilities for us."

Like the material itself, Diener also appreciates the design selection: "Our customers like to play with colours. So we need the matching shade for every requirement. The décor collection from Duropal covers this ideally." The same applies for the surface textures: "Crystal Stone and Rustica are in my view perfect surface

finishes. Stone or wood reproductions look even better than the original."

For his colleague Knut Wissing, a further decisive advantage is the colour match range of Duropal and wodego which is available direct from stock: "It is essential that we are able to offer our customers identical décors in melamine faced chipboard and high-pressure laminates. It is naturally extremely important to us that the required material mix can then be delivered promptly. Even if it is an individual piece, nobody wants to wait months for it."

When it comes to the right size, Diener and Wissing prefer 4.10x1.30 metres. "This is the best and most efficient for us, since this results in the fewest off-cuts", explains Knut Wissing. Duropal has put plenty of thought into this, and the customers appreciate it.

DIENER & WISSING ON HPL SOLIDCOLOR

The fact that the product HPL SolidColor gained the highest distinction at the innovation competition 'XXL' is for Diener and Wissing nothing more than a confirmation of their own opinion: "An excellent result for our trade", says Holger Diener, while Knut Wissing adds: "The very first time we worked with SolidColor, we were immediately delighted. And we still are. Finally we can create shapes with seamless transitions in the area of edges, making the piece look as if it has come out of a single mould."

Their customers too were quick to jump at the new material. "We have already had many successes with it. Whoever sees how hi-fi furniture for example, or cabinet walls, look without unsightly, dark joints, is immediately delighted", comments Wissing. The decision of Duropal to offer the new product first in the lightest white décor 'Icy White' had been the right one: "Firstly, white is the most popular colour anyway for cubist shapes. And secondly, dark joints stand out like a sore thumb with this colour."

With the extension of the design range to the current nine colours, the two cabinet-makers will now be able to realise many more of their ideas for sophisticated interior design. "In combination with high-gloss surfaces in particular, this creates fascinating design possibilities for living rooms, bedrooms, bathrooms and

interior furnishing in general. More colours naturally mean more possibilities for combinations with glass, stainless steel or aluminium", confirms Wissing, who particularly appreciates the relatively low effort required for working with SolidColor: "Of course, you have to know how to handle the material, and what steps have to be observed at all times. But this is still much easier, and can be done more quickly, than the terribly laborious production of a pure painted surface. Apart from that, SolidColor is much more robust and resistant."

The pair are happy to go on in their new creative playground. Their latest coup: the inseting of lettering or brand logos by laser. The first display object was a small SolidColor cube into which the Duropal logo has been inscribed by laser. And the great interest of some very well-known customers shows that SolidColor is one of the up-and-coming trends in interior design.



INNOVATION MEETS ITS REWARD



Duropol has been rewarded for its readiness for innovation with the 'XXL 2008 Architecture and Office Innovation Prize'. The highest prize category of this competition went to Duropol HPL SolidColor. And the jury commented: "This solid-colour HPL laminate offers (...) new application possibilities for seamless, homogenous surfaces without visible joints. This creates the option of constructing monolithic objects with a permanent and highly-resistant surface (...)."

At the award ceremony, the jury expressed the wish for more colours in addition to the white shade "Icy White". A matter of honour for Duropol: now Duropol HPL SolidColor is currently available in nine different colours.



A HOME GAME FOR DUROPAL!



CONTEMPORARY FOOTBALL MEETS CONTEMPORARY STYLE. ANDREAS NIGBUR DESIGNS THE FANS' BAR OF TSG 1899 HOFFENHEIM. THE KEY PLAYER AT THE PARTY: CRYSTAL STONE SURFACES AND THE ZEBRANO DÉCOR.

Upper left_ A brilliant performance: The counter front in Crystal Stone

Lower left_ Highlights: The light columns in crystal white décor

Right_ The beaming designer: Andreas Nigbur of objektwelt

It was clear to Andreas Nigbur from an early stage how his fan-club at the newly-constructed Rhein-Neckar Arena should look. He could already see in his mind's eye the finished room with its counters resembling the players' bench, and the central TV columns, even before the shell construction of the arena had been completed. Despite all his powers of imagination however, there was one thing the master carpenter and proprietor of objektwelt could not have dreamt of: by the time of the dedication, Hoffenheim was at the top of the German 1st Division, and in the fans' bar directly behind the stand, there was not a single place to be had.

Planned when the team was still in the 2nd Division, the club now accommodates up to 500 people, to cater for the onslaught of the masses of fans. On the other hand: What better can happen to a fans' bar than to have it bursting at the seams? When one considers this popularity, it is doubly advantageous that Andreas Nigbur from the very beginning placed great value on serviceability. Veneer as in a VIP area would be out of place here. But as to the quality of the materials used, the hardcore fans enjoy the same standard of furnishings as in the more exclusive areas.

The range of materials used extends from extremely tough PVC flooring with a used floorboard look, to the high-quality synthetic leather upholstery in blue and white, to the Duropal laminates for the light columns and counters. objektwelt succeeds in achieving

the balancing act between modern interior furnishing and down-to-earth fan culture. Why does this work so well as to be immediately accepted by the fans? Perhaps because Andreas Nigbur himself is one of them. Because this native of Hemsbach naturally also has a season ticket for Hoffenheim.

His idea however almost came to nothing. The furnishing of the fans' bar is really a matter for the operating brewery. And the Eichbaum brewery, with which Andreas Nigbur had already completed several successful projects, and through which he got in touch with the Hoffenheim stadium builders ultimately failed to make it into the new arena. The idea of Andreas Nigbur did make it however. Those responsible liked it so much that he was given a completely free hand in the design. The only fixed specifications were the seating capacity and the possibility of rental.

Everything then went very quickly. The direct order was placed at the beginning of November, and by the end of January everything was ready to go. Something like this can only be done with absolutely reliable partner firms and a planner who lives for his projects. Andreas Nigbur however remains distinctly modest, and instead has nothing but praise for his client. "The cooperation with the club was extremely cordial at all points of the project. Not necessarily a matter of course, in view of the tight schedule which all those involved had set themselves." But the project supervision provided by Andreas Nigbur was

comprehensive in the truest sense of the word. In the case of the TV columns for example, he was not only responsible for the planning. He also supervised the complicated construction of the 4-piece columns, as well as carrying out their assembly on site in person.

"The columns have a circumference of 4.08 m, while the Duropal laminate strip used was 4.10 m long. Not very much to play with", says Andreas Nigbur of the trickiest task in the construction of the columns. But this precision work proved to be well worthwhile, because the columns make real highlights, with their integral flat-screen TVs, the backlit player portraits and the high-quality LED lighting at the top of the columns. Thanks to Duropal, the almost seamlessly panelled columns are significantly more resilient and easy to clean. The texture of Crystal Stone in crystal white also blends excellently with the texture of the white synthetic leather upholstery of the modified circular bench around the column wall.

In the counter area too, Andreas Nigbur naturally went for Duropal – and for a good reason, as he explains with a smile. "I have already used Zebrano for example in an earlier counter project. The girls often dance on the bar in stiletto heels, and some fans also light drinks on the bar. Nevertheless, the counter still looks in tiptop condition after over a year." Such experience naturally also counts in football. In addition to the rustic décor Zebrano for the bar itself, the rear wall and overhead construction, another



Duropol décor also stands out in a surprising way: Crystal Stone in volcano black, which also decorates the front of the counter, is used in the rear wall as an alternative to a slate. The current special offers for the fans are simply written on the surface every week. A more classical feature on the other hand is the use of the rustic décor in Piemont oak mocha on the table tops.

For years, Duropol has been one of the preferred materials of objekt-

welt, and fits in ideally with the company motto "beautifully fitted out". This is also demonstrated by other reference properties, such as the Weinheim Schlosspark restaurant and the new showroom of the firms of TK-Hockey in Offenau and Vliesstoffe Freudenberg. "When I review all the projects in which I have used Duropol, I should perhaps in hindsight negotiate a further volume discount", jokes Andreas Nigbur. All at objektwelt are firmly convinced of the quality of the laminates and

the service provided by the Duropol team, such as the sample service. "Anyone like me who has been married for over 19 years, and has two beautiful daughters, learns to appreciate the quality of a good partnership", says Andreas Nigbur in closing. We can therefore look forward with anticipation to the next joint projects.

OBJEKTWELT – BEAUTIFULLY FITTED-OUT

Objektwelt of Andreas Nigbur is a one-man business. The trained cabinet-maker became self-employed in 2001. He had acquired the necessary know-how in the field of hotel design amongst others. His craftsmanship skills, comprehensive knowledge of all the requirements of interior design and a careful planning approach make the 44-year old Nigbur a sound partner for prestigious projects. Depending on requirements, he works together with selected craftsmanship businesses in his local region. All the threads ultimately come together in his hands. It gives customers the certainty that the boss is always there to look after all the details personally, and to ensure that all project plans and deadlines are met. An advantage not to be underestimated when one considers the delays normally encountered with building projects.

www.objektwelt.de





FOUR TRENDS – INNUMERABLE DESIGN POSSIBILITIES

LONG-TERM TRENDS AND EXCITING DÉCOR INNOVATIONS.



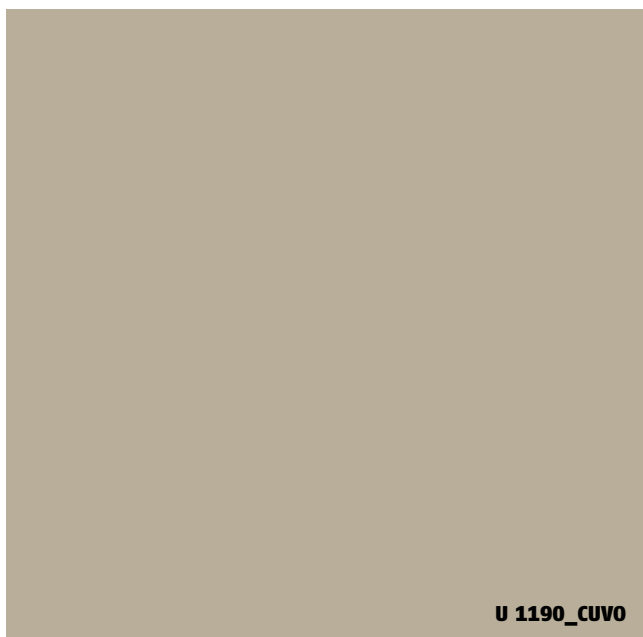
Short-term fashion trends are not appropriate in interior design – what is needed instead are forward-looking visions and enduring design perspectives. The months of work and long discussions which went into the recent Duropal collection are therefore still proving their worth to-day. The orientation towards the four trends of Sensual Home, Spotlight, Avantgarde and First Class is still right up-to-date. “If this was not the case after such a short time, we would have been doing something fundamentally wrong. Good to know that we had the right nose for it”, says Duropal Product Manager Peter Röhr.

Accordingly, a great deal of effort went into the selection of the new décors. In the team consisting of designers, product management and sales, the latest developments were analysed and taken into account. As the following pages show, the result is well worth seeing.

AVANTGARDE

Avantgarde means being ahead of one's time. Experimental provocation and a minimalist spirit point the way. Duropal supports this by expressive materiality, modern ornamentation and effective surface textures. In the design of strict sculptural forms, décors such as 'Lava Macao' are required. The expressive materiality is supported particularly by the surface texture of Crystal Stone, which, with its natural stone look, enlivens the décor with a sensuous appearance. The new surface texture development high-gloss topX lends warmth to the décor 'Red Hot Sunglo': Gold actually looks like gold. Milky, neutral tones such as 'Flannel Noble Oak' or 'Smoked Dakota Oak' and matt-gloss effects emphasise the purism and bring out even more clearly the avant-garde lines.





U 1190_CUVO



R 4231_ FLANNEL NOBLE OAK



R 6000_RED HOT SUNGLO



R 6052_ BROWN OTTAWA



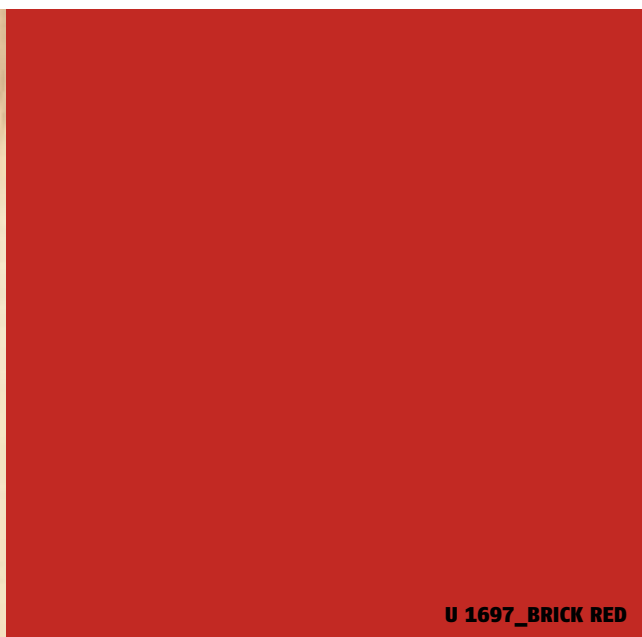
R 4365_ SMOKED DAKOTA OAK



R 6007_ LAVA MACAO



R 5242_ONTARIO MAPLE



U 1697_BRICK RED



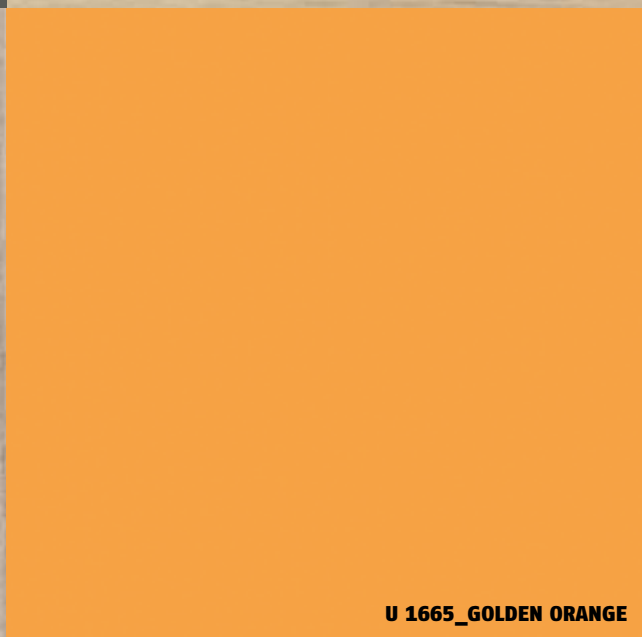
U 1290_ANTHRACITE



R 4366_ NATURAL DAKOTA OAK



F 7222_ MACCHIATO ESPRIT



U 1665_GOLDEN ORANGE

SPOTLIGHT

Spotlight stands for creativity and the joy of life in day-to-day design. Uniqueness becomes important, and is enhanced by the spontaneous and expressive play of colours and contrasts. These are represented by plain colours or décors such as 'Grey Ottawa', 'Macchiato Esprit' or 'Natural Dakota Oak'. Added allure is provided by the new surface finishes, and particularly those with the depth-effect gloss surface Illusion. Whether the modern vintage-look or multi-colour effects, everything looks lively, simple and authentic. The Spotlight colour range also demonstrates closeness to nature.





R 6001_SMOKEY GOLD



R 6006_TERRA MACAO



U 1211_LAVA



F 7945_AZTEC GOLD



R 4232_MOCHA NOBLE OAK



F 7491_BRONZE ZEUS

FIRST CLASS

First Class embodies the timeless striving for elegance. Continuity, value and exclusivity are the key words which must be mentioned here. Duropal provides the setting for the whole with modern, attractive and fashionable decors, and is supported by the newly developed surface textures of Fine Grain and high-gloss topX. Luxurious and relaxed, yet also elegant and feminine. The noble wood décors such as 'Mocha Noble Oak' are combined with fine gold pores. But also elegant stone décors like 'Terra Macao' with the surface texture Crystal Stone or 'Smokey Gold' with the high-gloss topX finish demonstrate their style status of belonging to the distinguished First Class.

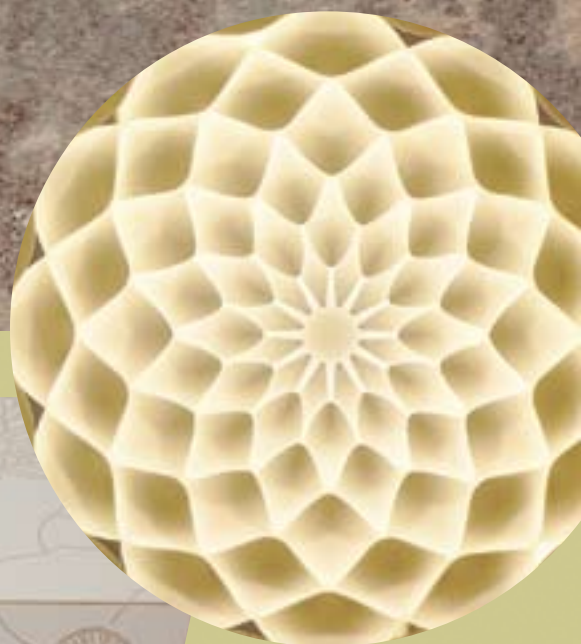


U 1191_CONGO



SENSUAL HOME

Sensual Home fulfils the human need for nature, warmth and security. Delicate illustrations, floral interpretations and friendly, fresh colours also bring playful poetry to everyday life. Duropal enhances this with cheery, delicate and dreamy tones and the graceful grain of the 'Indian Summer' décors. This is matched by the new, sensually tactile matt surface texture Fine Grain. Light wood reproductions or stone décors such as 'Cream Macao', 'Antique White' or 'Pink Ottawa' with their delicate natural texture also conjure up a cheerful ambience.





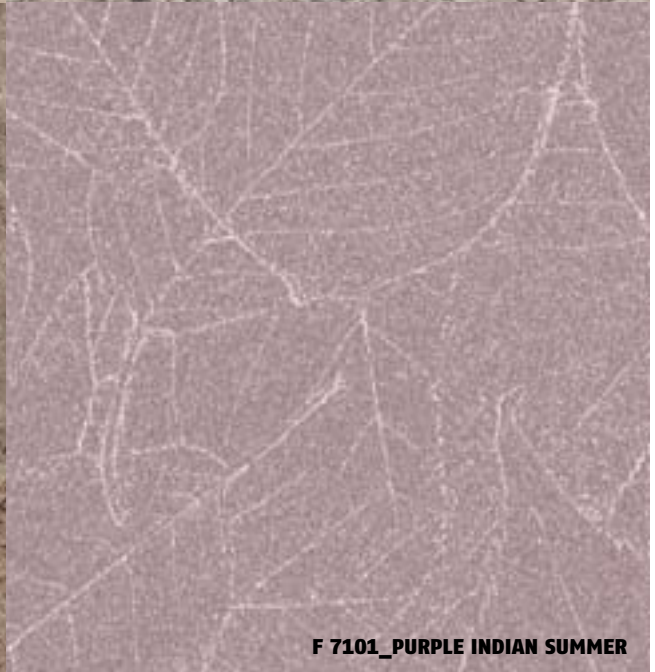
F 7100_ SAND INDIAN SUMMER



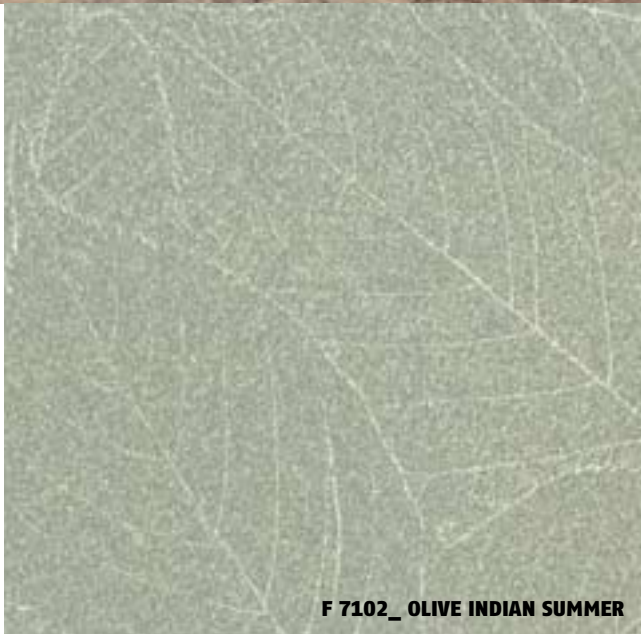
R 6051_ PINK OTTAWA



R 6005_ CREAM MACAO



F 7101_ PURPLE INDIAN SUMMER



F 7102_ OLIVE INDIAN SUMMER



R 6002_ ANTIQUE WHITE



DUROPAL – A HARD CASE A MATTER OF FORM FOR THE

HOW A CAMPAIGN DEVELOPS: JÖRG DAMBACHER GIVES AN INSIGHT INTO THE WORKSHOP OF AN

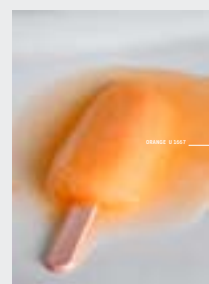
9th May 2007: Duropal undergoes its relaunch on the first day of the Cologne specialist exhibition Interzum. The new orange in the logo and the striking images and messages show an enormous signal effect. The wow-effect of the Duropal team is quickly transmitted to the visitors – and this has also long been noticed by the exhibition organisers: the Duropal stand is selected as one of just 14 stops on the official press circuit. Everyone can sense it: a strong brand is being revitalised, together with the people around it.

This is backed up not only by a gigantic marketing budget, but also by an unusual communications idea, which like every good idea is one thing above all else: simple. Duropal high-pressure laminate materials combine such apparent contradictions as hardness and pliability. Can this be put more simply? Yes: a matter of form meets a hard case. The surface finishes are extremely resilient, although they give the visual impression of softness. Can this also be put more simply? Yes: soft to the touch yet scratch-proof. And the imagery also conveys a clear message: the focus is on the décor and carries the headline.

The 'Trifft campaign' was developed by the RTS Rieger Team of Stuttgart. The B2B agency had already helped to launch wodego onto the wood-based materials market as a new and fresh brand four years ago. But this

was by no means a free ticket for the Duropal budget. In a competitive presentation, the Stuttgart company outdistanced four other agencies. "RTS had the right know-how, the clearest concept and the best idea", says Duropal Marketing and Sales Manager Reinhold Hinterhölzl.

RTS Rieger Team Managing Director Jörg Dambacher explains the past history: "The decision made years ago to take Duropal off the market and merge it with wodego was never properly accepted, particularly not in countries such as the Netherlands, where Duropal is to high-pressure laminates what Kleenex is to paper handkerchiefs. Brands like it simple, clear and straight-forward. And that also applies to their customers. The internal merger of product families and sales channels was therefore not accepted by the market. By the end of 2006, it finally became clear that Duropal would have to be relaunched as an independent brand." It was equally clear however that no huge budget was available for this purpose. This made the task all the more challenging and attractive for the consultation and creation team under Jörg Dambacher, who would have to use the funds that were available as effectively as possible: "We therefore had to immerse ourselves in the subject and apply the necessary enthusiasm. And one has to be ready to answer people's questions. The fact that Duropal is back again is not sufficient as a message in itself. People want to know: why is it back again? Why is this better than other products? What plans do you have for the future?"



RTS RIEGER TEAM

ADVERTISING AGENCY

In preparation for the campaign presentation, the RTS Rieger Team started with a market analysis. The brand messages and colour ranges of the Duropal competitors were put under the microscope. A target group survey showed that despite years of absence from the market, Duropal still enjoyed an enormously high level of market awareness. The only problem was: "There existed no uniform image of the Duropal brand in the minds of the target group", says Dambacher, who adds: "Either a brand takes its positioning and its claims into its own hands, and thereby actively shapes its public image, or the image of the brand is created by the public – or even worse, the competition."

The positioning was derived from the product variety and the readiness for innovation of the Arnsberg HPL manufacturer: "Duropal is the HPL specialist. When somebody makes something new out of and with HPL, then this must be Duropal." The resulting promise brings the claim to the point: "Duropal. HPL is our world." This also fulfils another claim which was very important to Jörg Dambacher: "After Duropal had practically disappeared, the employees saw themselves for a long time in a sort of underdog role. For this reason, everything that we did also had to have an internal effect."

In the commercial implementation, the aim, according to Dambacher, was to "integrate the product skilfully". Inspiration for the 'Trifft campaign' was offered – as already mentioned – by the apparently extremely contradictory properties of Duropal HPL: "In only four words, we speak simply and surprisingly about the product properties, and show the décor which

corresponds to an inspirational world of imagery. This has been very consistently implemented since the campaign roll-out at Interzum 2007."

Duropal differentiates itself from competitor products not only at exhibitions, in advertisements, collection cards and the Internet, but also in the printed company and product presentation: Instead of the classical image and décor brochure, the RTS Rieger Team implemented its idea of the first lifestyle magazine of the laminate sector in the form of 'HPLWorld'. "A completely different type of product presentation, which works with a wide range of journalistic presentation forms", explains Dambacher. "One subject is dealt with in the form of a report, another in the form of an interview. This gives the reader, time and time again, new and surprising points of view of a brand which has many interesting stories to tell."



RTS RIEGER TEAM

Locations: Stuttgart, Düsseldorf

Founded: 1969

Employees: 80

Customers: 50

Member of the 'gwa Gesamtverband Kommunikationsagenturen'

BAKTERIE
TRIFFT
HYGIENE.

DUROPAL
HPL MIT UNENDLICH WEIß

STERNENGLANZ
TRIFFT
STEINSTRUKTUR.

DUROPAL
HPL MIT UNENDLICH WEIß

GERADLINIG
TRIFFT
FORMBAR.

DUROPAL
HPL MIT UNENDLICH WEIß

KLASSIK
TRIFFT
TREND.

DUROPAL
HPL MIT UNENDLICH WEIß

FROM OLD TRUTHS TO NEW PRODUCT CONCEPTS

A SPECIALIST ARTICLE BY QUALIFIED DESIGNER ROLF WARDÄ



From left_ R 6002 Antique White, R 6001 Smokey Gold, R 6000 Red Hot Sunglo

In future we will live, increasingly clearly, in the time of the hybrid – of hybrid furniture and interiors.

The old and the new will be combined together just as routinely as the processing and handling of versatile materials, as the combination of elements from different cultures and value systems.

'Values' is here one of the key concepts for the coming years. There is quite clearly a growing influence of traditions, values and even of religions on our attitude towards life – and that applies throughout the world. In view of our increasingly complex living conditions, we must make an effort to return to value judgements and customs which already appear to have been lost, to bring about a renaissance of classical principles and moral attitudes.

The supposed contradiction between economic progress and the return to traditional values will become the well-spring of new mentalities and viewpoints. This dissolution of boundaries and the fusion of previously contradictory values leads us in the design context from old truths to new (product) concepts: the hybrid.

Architects and designers are therefore discovering the combination of the 'contemporary' and the reversion to the traditional, the familiar and the proven, something which will happen in future in all areas of products and interiors. The archaic wooden block is in this respect only the precursor of an attitude opposed to hasty throw-away mentalities. The call for surfaces

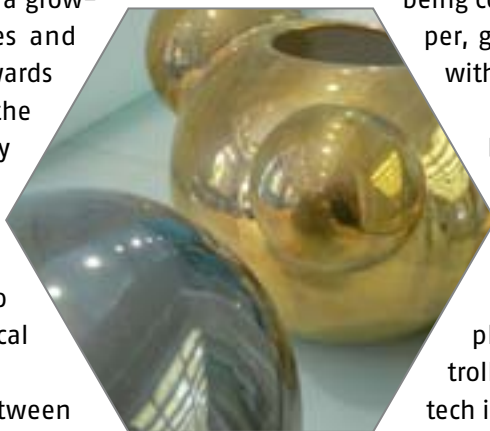
which take on a patina is in direct opposition to the surfaces of the modern, impoverished as they are to the level of stepchildren by rationalisation and efficiency measures.

The previously most durable finish of high-gloss is now being joined by matt, fine-grained surface textures; aluminium, metallic and stainless-steel finishes are being complemented by the beauty of copper, gold, bronze and brass. And this all without feelings of retro and nostalgia.

The avant garde celebrates the beauty of the materials with grapes of spherical copper lights. Schiffini uses the traditional kitchen material of copper for his concept kitchen. Solid wood furniture is placed side-by-side with serving trolleys of copper and brass. The high-tech impression of stainless steel handles is contrasted with handles of bronze, which

take on a patina and tell of their past. The new interpretations of Eames' side table with gold leaf decoration and Arne Jacobsen's 'Egg' chair with bronze feet as a limited edition on its 50th anniversary also show hybrid characteristics.

Dissolution of boundaries and the fusion of contradictory values! Although gold and silver were until recently reserved exclusively as the setting of luxury and glamour, and deftly banned from any modern ensemble, the design-orientated of tomorrow will want to rediscover warm metal tones in all areas so long considered not to belong to 'the modern'.





The Dreamboat

SIEGFRIED SCHINDLER AND KAI BUNGE WITH THEIR TEAM AT PARTNER SHIP DESIGN PLAN THE AIDA CLUB-SHIPS AND HAVE DUROPAL ON BOARD WITH THEM

It all begins with a blank sheet of white paper. When Siegfried Schindler and Kai Bunge have completed their work, the sheet stands for the fulfilment of the dreams of thousands of holidaymakers. Schindler and Bunge are the proprietors of Partner Ship Design and are considered as 'the specialists' for the planning of cruise ships. The idea of the AIDA Club Ships was born in their office in the Warburgstraße in Hamburg at the beginning of the 1990s. This was the moment at which two extraordinary success models came together.

On the one side, the concept 'AIDA': anyone who has ever wanted to travel on a ship knows the red mouth on the bow, and the yellow eye at the end of the snaking blue line on the side of the AIDA ships. The club holiday on all the seas of the world, combined with all conceivable

amenities and entertainment facilities, has over the years developed a steadily growing fan culture. Almost every cruise – whether in the Caribbean, Mediterranean or to the North Cape – is fully booked. A considerable number of people spend every single holiday on the AIDA, meeting up specially on Internet forums with others who travel frequently with AIDA. And every time that this community puts to sea, there are also Duropal high-pressure laminates on board.

On the other side, Partner Ship Design, or PSD for short: this planning office for cruise ships was

founded in 1991 by Siegfried Schindler and Kai Bunge. As mentioned at the beginning, PSD as the joint initiator took over the planning of the first AIDA Club Ships – and following this successful project was also the very first choice when it came to the planning of the second AIDA generation, which had two objectives above all: to be even larger and even more entertaining. The number of berths was increased from 1,300 to over 2,000. This was accompanied by the increase in the choice of restaurants from three to seven. The wellness and fitness area alone on one of the new AIDA Club Ships measures

2,300 m² – and located high above the bridge offers outstanding views of the different seascapes. The AIDA-diva, the AIDAbella and the AIDA-luna have already gone into service, while the AIDAbu will be setting to sea from 2010. Each of the ships has its own individual colour and design scheme – ably supported by selected Duropal décors such as Olive or Zebrano.

Schindler and Bunge together boast over 50 years of experience in ship-fitting. This experience led amongst other things to shipping lines like AIDA Cruises putting the planning for the concept and the complete design in the hands of PSD. Elsewhere, the shipyard handles the construction of the ship, before the planners, architects and designers move in. "And this is exactly where the problem lies", explains Bunge. "A ship like this is like a living organism, whose public areas flow and merge into each other, and should therefore create a harmonious whole. Too many cooks spoil the broth."



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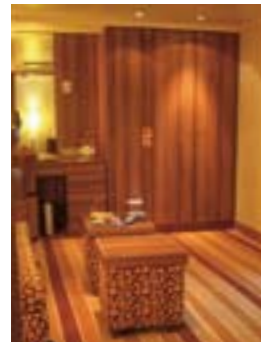
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Left and top centre_ Light, texture and colour planned for effect and excitingly framed

Right_ Harmonious design in the cabin area

Bottom_ The AIDA Theatrium, the centrepiece of the ship layout and highlight of the organic design



PARTNER SHIP DESIGN

The name Partner Ship Design is a synonym for water, ships and creativity. Based on the banks of the Alster in Hamburg, the company was founded in 1991 by Kai Bunge and Siegfried Schindler.

Siegfried Schindler, born in 1950, is the creative head of PSD. He began his professional career as a cabinet-maker and furniture designer. Since 1979 he has worked as an interior architect and ship-fitting designer.

Kai Bunge, born in 1958, represents the technical expertise at PSD. He completed his architectural studies in 1983, and since 1985 has specialised in the planning and interior design of cruise ships.

Partner Ship Design currently employs a staff of 25, and is one of the world's leading bureaus in the planning of cruise ships.



In the case of the AIDA Club Ships, PSD has also been responsible from the very beginning for the areas of design and interior architecture.

What Bunge means by "living organism" is demonstrated by the example of the Show Theatre, which in the first class of AIDA ships is always to be found in the bow: "An area which is actually used for only a few hours per day", says Bunge. With this in mind, PSD together with AIDA Cruises created for the new AIDA generation the so-called Theatrium: a wedge inserted right in the middle of the ship, and fully enclosed by glass. The open stage is visible from three decks, and is surrounded by restaurants, the Casino and a number of shopping and entertainment areas, making it the new marketplace and meeting point of AIDA. Schindler knows how to turn such plans into reality: "One has to come to terms from the very beginning with the ship's structure, otherwise the idea collapses like a house of cards."

On the subject of 'colours and designs', the direction is clearly specified, according to Siegfried Schindler: "We create our own holiday world. And whoever is on holiday wants to have sun and fun. So we have to bring light, texture and colour into the ship. This does not mean that we are talking about strident and garish tones, but rather of light, friendly and harmonious colours." The decisive task is that the design on board conveys balance and the joy of life: "We see every spring how colours arouse and awaken our vital spirits. Like the brilliant green of a meadow for example. The same applies for autumn colours, although we also

concern ourselves intensively with all conceivable colour combinations. We use this variety in order to intensify the holiday atmosphere."

Although this sounds relatively simple, that is far from the truth. "On an AIDA ship, nothing is 'off the peg'. In order to create a harmonious overall appearance, we work everything out down to the smallest detail", says Schindler, making it clear that every apparent trifle has a great role to play. Whether the carpet, bar counter, upholstery materials of chairs: everything is developed specially and exactly according to the planning of PSD – or receives from them the final polish. This is based on detailed drawings by the interior architects. Their drafts are presented in the showroom of the Hamburg bureau, where one finds a fascinating collection of the widest possible range of different material, colour and fabric samples. How deep this love of detail goes is demonstrated by the fact that PSD sometimes even becomes involved in the design of the menus. "We are talking here about 20 to 35 different areas, where delving into such detail is essential. As a result, every ship of the AIDA fleet is a unique specimen", explains Bunge.

A great share of this is also down to the Duropal brand, whose decorative high-pressure laminates can be found almost everywhere on board. Amongst other things, furniture, columns, counters and many

other design elements all bear the quality seal 'Made in Arnsberg'.

But how has Duropal accomplished the feat of being included by PSD in its truly distinguished circle of suppliers? Schindler's reply: "We simply enjoy great service. This also has a great deal to do with Volker Niepel personally." For him, the project consultant from Duropal is the right man in the right place. Because, as Schindler continues: "We need partners who are reliable and motivated. This begins with the function of the laminates, because on a cruise ship in particular, the stresses on every surface are enormous. Other special requirements also have to be fulfilled, such as light construction and fire safety. Because here we are still talking about design variety, availability and flexibility. This is what the business is all about."



And Duropal consultant Volker Niepel is also well aware of how this works: "Anyone who falters only once with such orders will be replaced by competitors. In such major projects, the advantages of an HPL specialist can be combined with other services of Pfleiderer AG, thereby safeguarding production locations in Germany."

ALBERT WEIS

THE ART OF DESIGNING SHOWROOMS

Finding Duropal at an exhibition is nothing unusual. What is unusual however is when it is the ART FORUM BERLIN, the 'in' international exhibition for contemporary art. The 'guilty party' in this case is Albert Weis, an artist from Berlin, with his installations which he presented at a solo exhibition at the renowned Munich Gallery Nusser & Baumgar Contemporary. For this exhibition, the skilled sculptor worked amongst other things with aluminium and Duropal high-pressure laminates. As in his early works, he thereby explored the flowing transitions of real, model and notional space.



Top_ habitation, 2005/2008
(aluminium, Duropal high-pressure laminate, video projection)

For Albert Weis, rooms are not static, lifeless forms. "Every room has its own function and its history, which are reflected in its appearance or its surface textures, which manifest themselves in a particular shape and its structures."¹ Rooms are at the same time also living, because they are shaped in different ways by human perception. His works of art therefore always incorporate the observer. Sometimes this takes place quite subtly, just in passing so to speak. Weis' approach to the work therefore corresponds to that of an architect or interior designer, although with a different objective. "These structures [of the rooms] can overlap one another, and this almost always points out discontinuities which I find interesting. In my work, I take up such discontinuities and try to make them visible." Anyone who goes along with this can make some astounding discoveries.

For example the hall of a house, reproduced in the inside of a sideboard, as in the work 'habitation'. The sculpture, created using aluminium and Duropal high-pressure laminate, refers in its dimensions to those of a housing complex by Le Corbusier in Firmini/France. The aluminium profiles on the inside are reminiscent of wall panelling from the 1960s. The integrated video projection shows the empty corridor of the housing complex in time-lapse. Above the projection, the interior of the sculpture becomes a real extension of the projected space, incorporating the observer through the reflection of the surface, and creating several spaces in one place.

The play with reflections and the questioning of architecture and spatial situations are central themes which run through the many works of Albert Weis. Nor does he simply restrict himself to sculptures. In many of his works, such as 'the endings' at the

¹ Albert Weis, quoted from KONTEXT SPIEGELUNG STILLE in: Robert Ryman, Retrospektive 1960–2000, with rooms by Ariane Epars, Clay Ketter, Albert Weis, Beat Zoderer, Ausst.-Kat. Haus der Kunst München, Ostfildern b. Stuttgart 2000, S. 131 ff.



'schauspielfrankfurt' in 2008 or 'blanc', which Weis created in 1999 at the Centre for Curatorial Studies in Annandale-on-Hudson in the US state of New York, the space itself becomes the objet d'art. Raised podiums, wall panelling, coatings and reflective surfaces alter, reinforce and inflate the available spatial properties. The formerly familiar space deliberately remains recognisable to the observer, while at the same time being brought into question by the new and unfamiliar structure. With these complex interior designs too, Weis always deliberately resorts to laminates.

"The material is an important component of my works. As a rule, I work with material which is locally available, or could be available. [...] It's really a matter of a sort of material suitability as well as material qualities and their different visual effects."

Reflective surfaces such as those of high-pressure laminates from Duropal are the starting basis in the works of Albert Weis for deeper reflections. But it is not just the visual aspects alone which count. Albert Weis also uses multi-faceted material effects in his installations. "The material [...] naturally also changes the acoustics and the room temperature, which influences the perception even more strongly. [...] Interestingly, we orientate ourselves much less with our eyes than we generally assume."

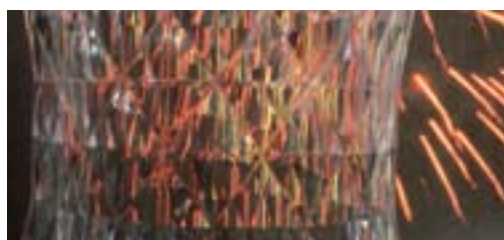
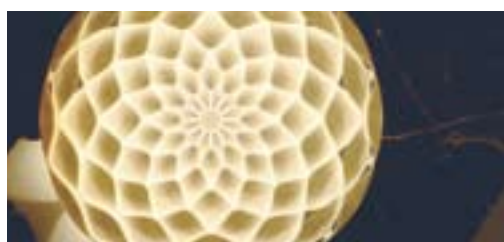
For this reason, his works are more than just analytical viewing objects. The transformation of the room also has direct effects on the observer and his own perception in the room. This is not always pleasant, but always exciting, stimulating and exactly what the artist Albert Weis intends.

"A room situation should be created in which imagination can develop consistently."

Left_ cabinet (condition) and cabinet (lined), 2008 (aluminium, Duropal high-pressure laminate, synthetic resin dispersion, aluminium paint)



Top_ panel, 2008 (folded aluminium, Duropal high-pressure laminate)





“IN A WORLD WHICH IS BECOMING INCREASINGLY MORE COMPLICATED, WE ARE EXPERIENCING A RENAISSANCE OF CLASSICAL PRINCIPLES”

DESIGNER ROLF WARDA ON THE NEW TRENDS IN INTERIOR DESIGN

At the beginning of 2006, graduate designer Rolf Warda, in the first issue of “HPLWorld”, spoke about the great “white” trend which would take over interior design. His forecast proved to be more than accurate. White has developed into the megatrend. But what is to be expected for the coming years, and what consequences will this have for the new Duropal collection? Questions to which Rolf Warda once again has the corresponding answers.

Mr. Warda, first our congratulations: Your “white” forecast was right on target. Will this trend last for much longer?

First it should be said that the trends in interior design are not as short-lived as those in the area of fashion or home textiles, for example. Our trends tend to have a longevity of three to seven years. This means that the “white” trend is still with us – although currently in combination with plain colours and wood reproductions. The overriding theme with surface textures continues to be high-gloss, which embodies the idea of value. In addition to white, matt textures will also become more popular, with the attraction also lying in the combination of matt and gloss surfaces.

Will it stay with white, or can you already make new trend forecasts?

We are currently working on several trends. One of these trends is directed towards what we consider to be luxurious. Here again we are talking about high-gloss, but also about a new range of colours and shades, which is derived from warm metal tones such as light bronze and copper tones, and of course red-gold and gold. This in combination with reflection effects, which sparkle brightly or repeatedly produce brief flashes of light. With reference to the further trends, I should first fill in the background: In a world

which is becoming increasingly more complicated, we are experiencing a renaissance of classical principles. In future there will be a stronger return to traditional values such as security and durability. On the other side stand progress, innovations and a heavy concentration on life in the big cities. These are actually two things which mutually exclude each other in our thinking. But if we open up the boundaries of these worlds and blend them together, something new is created. The key word for me in this respect is ‘hybrid’. One example of this is the new Duropal surface texture ‘Illusion’, which is hard, high-quality and durable. Our visual perception however tells us that it is not hard, because we perceive in it an infinite depth. We therefore bring together two different properties to create something which was not there before in this way. It is exactly this merging which for me embodies the hybrid.

We could therefore assume that the further trends could be in stark contrast to what you have just referred to as the luxurious.

Exactly. I just mentioned luxury and high-gloss. On the other hand, it is a matter of a naturalness, which I would like to summarise under the term ‘homing’. Today we have wood reproductions which look like a rough plank, or stone reproductions with the deceptively realistic surface texture Crystal Stone. This makes

"TODAY WE HAVE WOOD REPRODUCTIONS WHICH LOOK LIKE A ROUGH PLANK. THIS MAKES A SUCCESSFUL COMBINATION OF THE GREATEST POSSIBLE NATURALNESS AND OUR INDUSTRIAL HIGH-TECH PRODUCT."

a successful combination of the greatest possible naturalness and our industrial high-tech product. With homing, we are referring preferably to woods which are native to this country. Oak, beech and ash will therefore become interesting again. These woods give the appearance of having been sanded and oiled. If we take this one step further, there could even be signs of use to be seen. As a result, these surface textures become even more authentic, and can tell a story. For us as décor designers, this means that we deliberately give our products the suggestion of a patina. In addition to the woods, we are also here talking about rust, verdigris, terracotta, porous earthenware or honed metal.

Is there another theme?

There is. I call it at the moment 'Eco-survival'. A theme which we know from the leisure area. This is also related to terms such as outdoors, functionality, lifetime guarantee, unisex. In this case the requirement is to forego luxury from the purely appearance point of view, while at the same time paying a lot of money for a high level of technology, functionality and durability. We are currently seeing this for example in the area of upholstered furniture, where high-tech materials are suddenly appearing which we have previously known only from the rucksack. The colours are naturally dominated by muddy and olive tones. But it would be too easy to mention just these colours. These are augmented by bright or contrast colours. If I look at a catalogue for outdoor fashions today, I also see them in combination with light blue, pink, mulberry or violet. And this is how it will also be for interiors. For the textures, this means that high-gloss must be resilient, as in the case of topX, or the surface must be anti-bacterial, as in the case of microPLUS®.

The trends are therefore becoming significantly more divergent. Do customers still have the necessary orientation?

All these themes have one thing in common: People are returning to essentials. Everything we create and produce here at Duropal has high value and, above all, continuity. The key words here are deceleration and sustainability. When we talk about our laptop or our iPhone, we know exactly how short-lived and ephemeral these things are. If we then suddenly find ourselves standing in front of a solid table with a Duropal top, then this exerts a great attraction for us. There's weight, there's volume. These are properties which are far removed from today's throw-away society. This also embodies our return to traditional values. And it is here that we find the necessary orientation.

Must a designer be able to look into the future in order to spot trends?

It is not so much a matter of the future. For us, it is the challenge of recognising the present. This must be identified and compared with the past. This is how trend monitoring works. To put it another way: We must filter out of the present everything new which will have an effect on the future, and will therefore remain valid for many years. In the interior design area, we are also subject to completely different cycles than for example with shorter-lived fashion trends. When we come up with the idea for a new product, it can take a year of planning, development and production, before the customer actually has the innovation in his hands. It is therefore all the more important that the trend is just as long-lived as our product.



"FOR US, IT IS THE CHALLENGE OF RECOGNISING THE PRESENT."

Finally, let us return to the key word 'hybrid': what does it mean for styling? Will gold suddenly return in austere styles, while muddy tones are set amongst intricate flourishes?

At the moment we have two developments which provide an answer to that question. Firstly, ornamentation is for us no longer an expletive. It now forms its own justification once more. This means that we decorate the object. The ornament is used as decoration. The other point of view is that we have very modern furniture, which, although functional and

expansive in their design language, are provided in a colour scheme which corresponds more to traditional values. In this way, gold, for example, has become much more popular in modern design language.

... I KNOW SOMETHING!

SEMESTER PROJECT AT THE
UNIVERSITY OF WISMAR

How does one learn creativity? With Duropal HPL in the trend colour Icy White (U 1027) and a clear goal. "Design furniture and objects which demonstrate the versatility of the colour white at an exhibition presentation" was the virtual task which the renowned Hamburg interior designer Wolfgang Kreser (formgold) gave to the students of the Interior Design Faculty of the University of Wismar specialising in furniture and building components (Prof. Achim Hack) at the start of the semester on 2.10.2008.

STARTING BASIS

"Who says that laminates have to be made from wood?" "Develop innovative applications with HPL as the surface finish. Perhaps there is a use for 'soft' objects and furniture." "Bring together what belongs together – but which nobody yet knows about!" With all these questions and challenges, guest lecturer Wolfgang Kreser sent out his seminar participants on a voyage of discovery.

This required not only good ideas, but also successful realisation. These began with small-scale

experiments, the so-called 'material cocktails', continued with works in more detail with "Little Objects" and finally resulted in large applications in the form of situational furniture. Over the course of the semester, "... I know something!" became "... I can do that!" and finally "... here it is!" And in fact, as the selected examples show, the creative dedication was well worthwhile. HPL has rarely been seen to be more flexible.

MATERIAL COCKTAILS

In the first seminar phase, diligent research was carried out. The students thereby developed a feel for the material. Cutting, scratching, gluing, bending, riveting, plaiting, drilling, stringing – everything that can and cannot be done with HPL.



Above_ Material cocktails by Andrea Kirch

LITTLE OBJECTS

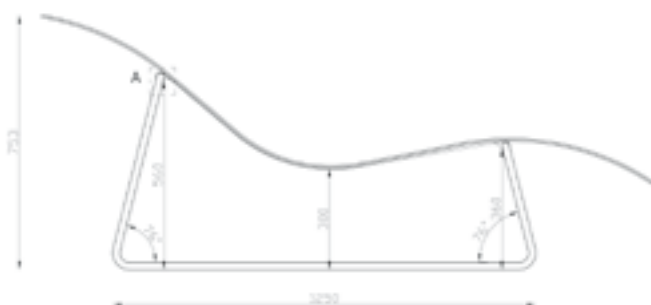
In order to refine the newly acquired feel for the material, small articles and implements were planned and produced in the second phase of the seminar. A further step towards the 'great' creative design.



Above (from left)_ Little Objects by Dietrich Jax, Andrea Kirch, Dietrich Jax and Tim Niemann

SITUATIONAL FURNITURE

Leisure furniture – “Camp bed” by Andrea Kirch
 lying surface of HPL on Evazote foam and steel plate



Coat rack – “Antlered light” by Friederike Roof
 HPL as ‘lampshade’ with milled-in deer pattern



Shoe rack – ‘SCHUHta’ by Yana Esanner
 Board of HPL on Alu-Cubond panel with attached rubber bands



What you always wanted to know.

THE SUBJECT FOR TODAY: SUSTAINABILITY.

FIRST APPROACHES TO A MULTI-LAYERED SUBJECT.

Everyone has heard about it. It is under continual discussion. Whole talk-shows are devoted to the subject. And it really does concern us all. However, the concept of sustainability is and remains strangely abstract for most people. In order to throw some light on the subject, we have put together for you on this page the most frequent and interesting questions covering various aspects of sustainability, ecological trends and current counter-trends.



EVERYONE TALKS ABOUT IT, BUT WHERE DOES THE TERM SUSTAINABILITY ACTUALLY COME FROM?

However paradoxical it may sound, in order to discover the linguistic origins of the future subject of sustainability, we have to go quite a way back into the past – to the German forest of the 18th century, to be exact. Here we find the reference to 'nachhaltend' use in connection with reforestation programmes, which was exported to England under the name "sustainable".



WHAT DOES SUSTAINABILITY STAND FOR TODAY?

Over 200 years passed until the term surfaced again. Already used previously in specialist circles, 'sustainability' (German: Nachhaltigkeit) became one of the buzzwords of the 1992 UN Environmental Conference in Rio de Janeiro. Since then, sustainability has been the subject of public discussion throughout the world, and for several years now has been held up as one of the guiding principles for the viable future development of mankind. The aim is to bring the satisfaction of basic human needs into harmony with a high-quality environment and a healthy economy.



HOW SUSTAINABLE IS THE SUBJECT OF SUSTAINABILITY?

Sustainability is certainly more than just a trend subject, since it includes aspects such as social responsibility, ecological thinking and the efficient utilisation of resources. These are all anything but new, and will in all probability also remain topical in the future.



HOW DOES SUSTAINABILITY DETERMINE CONSUMER BEHAVIOUR?

For some people, health and closeness to nature is the overriding precept. Others are greatly interested in efficient, new technologies, which for example safe energy. Still others rely on regional products and producers, or want durable, quality products. But they all have one thing in common. They consider not only the conventional product properties such as material quality, durability, usage and working possibilities, but also decide according to criteria of sustainability.



WHO OR WHAT ARE LOHAS ?

Sustainability meets lifestyle trends. Whoever wants to know what LOHAS looks like should ideally visit a bio-supermarket and take a look at the very mixed clientele. LOHAS (abbr. for Lifestyle Of Health And Sustainability), stands for a new and deliberate type of consumer behaviour. Responsibility and personal enjoyment is not a contradiction in terms for these customers. Due to their purchasing power and their increasing numbers, LOHAS consumers are now considered to be an important economic factor – not only for bio-supermarkets.



CAN WE REALLY PROTECT THE CLIMATE?

Without wanting to play down environmental pollution, there is justified criticism of the role allocation between what is to be protected (the climate) and the protector (man). Does the supposed protector actually have the power to be able to 'control' the climate? In view of the complexity and the inherent dynamics of the climate, this may well be subject to fundamental doubt. Just as problematical is that 'climate protection' in too general a form, as an incontestable argument, stifles necessary factual discussion and the critical questioning of individual measures.



ARE NATURAL MATERIALS AUTOMATICALLY MORE ECOLOGICAL, AND WHAT DO EXPERTS ACTUALLY MEAN BY THE TERM CRADLE-TO-CRADLE?

However surprising it may seem, natural materials are not necessarily better by nature. Long transport routes and no more than average preservability may in some cases mean that natural materials put more stress on the environment than synthetically produced materials with greater durability. In order to be able to assess the ecological sustainability of a product, all factors must be taken into account: such as, for example, the strategy of cradle-to-cradle materials. "[This] considers the positive environmental balance of the materials throughout the complete product life cycle, i.e. also with respect to how the products can be reintegrated into the natural or technical cycle after use," in the words of Anne Farken of Material Connexion® Cologne. Further information on the environmental balance of HPL and an interview with Anne Farken can be found on the following pages.



TOP SUBJECT: *Sustainability and Duropal*

THREE QUESTIONS FOR REINHOLD HINTERHÖLZL

How concrete the abstract subject of sustainability can suddenly become is shown by a look into the day-to-day company business of Duropal. The certified environmental management system and our three questions to Sales Manager Reinhold Hinterhölzl clearly demonstrate that here, people think about more than just pure product considerations.

1

MR. HINTERHÖLZL, WHAT ROLE DOES SUSTAINABILITY HAVE TO PLAY IN THE DAY-TO-DAY BUSINESS OF DUROPAL?

The subject of sustainability is very topical in many of our sales markets, and in particular in connection with orders placed by public bodies. This criterion also plays an important role in the construction market.

As a responsible manufacturer of wood-based materials, Pfleiderer AG and of course also Duropal, support the principle of sustainable forestry management. We have therefore decided, in the case of our HPL elements such as our Duropal Kitchen worktops, to use only chipboard panels which are certified in accordance with the PEFC (Programme for the Endorsement of Forest Certification).

We have also made it our objective throughout the group to continually improve the environmental performance of our company. The certification of our environmental management shows that we are on the right course.

2

WHAT CRITERIA HAVE TO BE FULFILLED FOR THIS ENVIRONMENTAL CERTIFICATION?

For certification to the international environmental standard ISO 14001, we have undertaken to substantiate and document our environmental protection performance. This documentation takes place at various levels, such as the manual, the process and procedural instructions, and in work instructions. In addition to the obligatory observation of relevant legal regulations, Duropal is working to the latest status of the technology. We also face up to our responsibility to ensure continual improvement. All environmentally relevant business procedures are reviewed, and the environmental effects determined and evaluated. In order to improve working procedures at interfaces, we clearly defined the responsibilities of the structural and operational organisation. Environmental management in general is an important component of our integrated management system for quality, the environment and safety. For this purpose, we use the PDCA cycle for the continual improvement of processes and procedures.

3

IS A SUSTAINABLE PRODUCTION METHOD MORE A COST-DRIVER OR A COST-CUTTER FOR YOU?

A sustainable method of production is primarily an obligation towards our environment. From the sales point of view, this requires a corresponding attitude on the part of our customers, although this is not as a rule rewarded in the form of higher prices. This makes its implementation rather difficult, since the observation of the prescribed regulations is usually also associated with increased costs and sometimes high administrative effort. Nevertheless we are sure, that in the long term this approach will be honoured by the market.





THE HPL LIFE CYCLE ANALYSIS

HARD FACTS FOR A CLEAN ENVIRONMENT.

OR: THE MATERIAL BALANCE.

Low CO₂ emissions, high recycling quota – this is not automatically ecological valuable. Because how environmentally compatible a material and its production really are cannot be determined simply by focusing on individual key figures. More recent environmental research pursues a different approach. The decisive factor is the comprehensive environmental profile according to the cradle-to-cradle principle. This considers and assesses the full range of environmental effects, such as raw material and energy consumption, emissions and waste. And this covers all phases of the product life cycle from the production process to use, and on to disposal and subsequent recycling.

In order to produce an accurate environmental profile of HPL materials, a comprehensive life cycle analysis was carried out in accordance with the latest scientific findings (the full extent of the processes considered is shown in the illustration at the right). The result gives rise to an astonishing conclusion: In many ways, HPL manufacturers such as Duropal

have already been thinking in terms of sustainability, even before sustainability became a topical subject. Because even in the early times of HPL, the sparing use of resources, low material losses during use, and the high durability of the products were all essential components of HPL material development.

PHASE 1: PRODUCTION

The life cycle analysis of high-pressure laminates begins with the sourcing of the components required for HPL production, consisting of paper, colour pigments and basic resin materials. HPL manufacturers like Duropal ensure that the wood fibres used in the paper production originate exclusively from sustainable forestry.

The first astonishing finding: In the overall balance, there is no reduction of plant resources. The reason for this is that HPL and HPL elements last longer than managed forests take to grow again. Thanks to their high proportion of renewable raw materials, which use carbon dioxide, HPL materials even counteract the greenhouse effect.

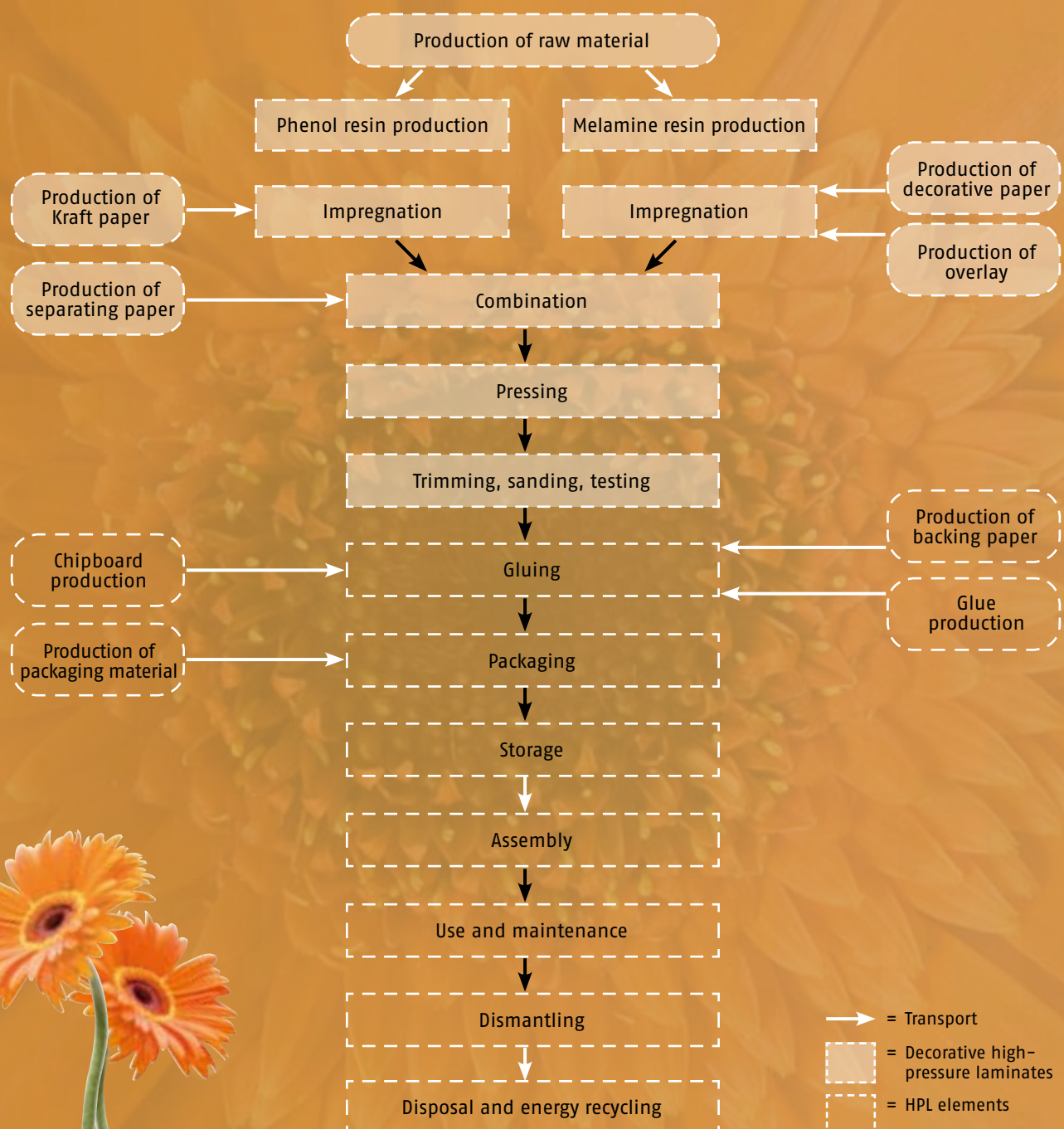
The production waste created in the form of resins, paper and laminates can either be recycled

into new raw materials, or used for energy generation by combustion. But HPL manufacturers like Duropal do even more. Even the waste air created during impregnation is 'upcycled'. The waste air is cleaned by re-combustion, and the resulting heat recovered and used for further processing.

PHASE 2: USE

Hygienic, anti-static and durable – some of the main advantages of HPL materials for customers are also beneficial for the environment. Due to their surface properties, they can be cleaned easily yet thoroughly. Wiping down with a damp cloth is usually sufficient. This saves on cleaning agents and further relieves the stress on the environment. The greatest advantage however is the extreme durability of HPL. This

OVERVIEW OF ALL PROCESSES INVESTIGATED IN THE HPL LIFE CYCLE ANALYSIS



means less waste and the effective preservation of resources. Through the continual further development of intelligent functional materials, Duropal is enabling this advantage to be used in an increasing number of application areas.

PHASE 3: RECYCLING

At the end of the life cycle of an HPL material, it is ideally disposed of by combustion for energy recycling, rather than material recycling. And this is for a good reason, because however surprising it may sound, the possible recycling of HPL is less advisable than environmentally-compatible energy recycling. While recycling would mean further con-

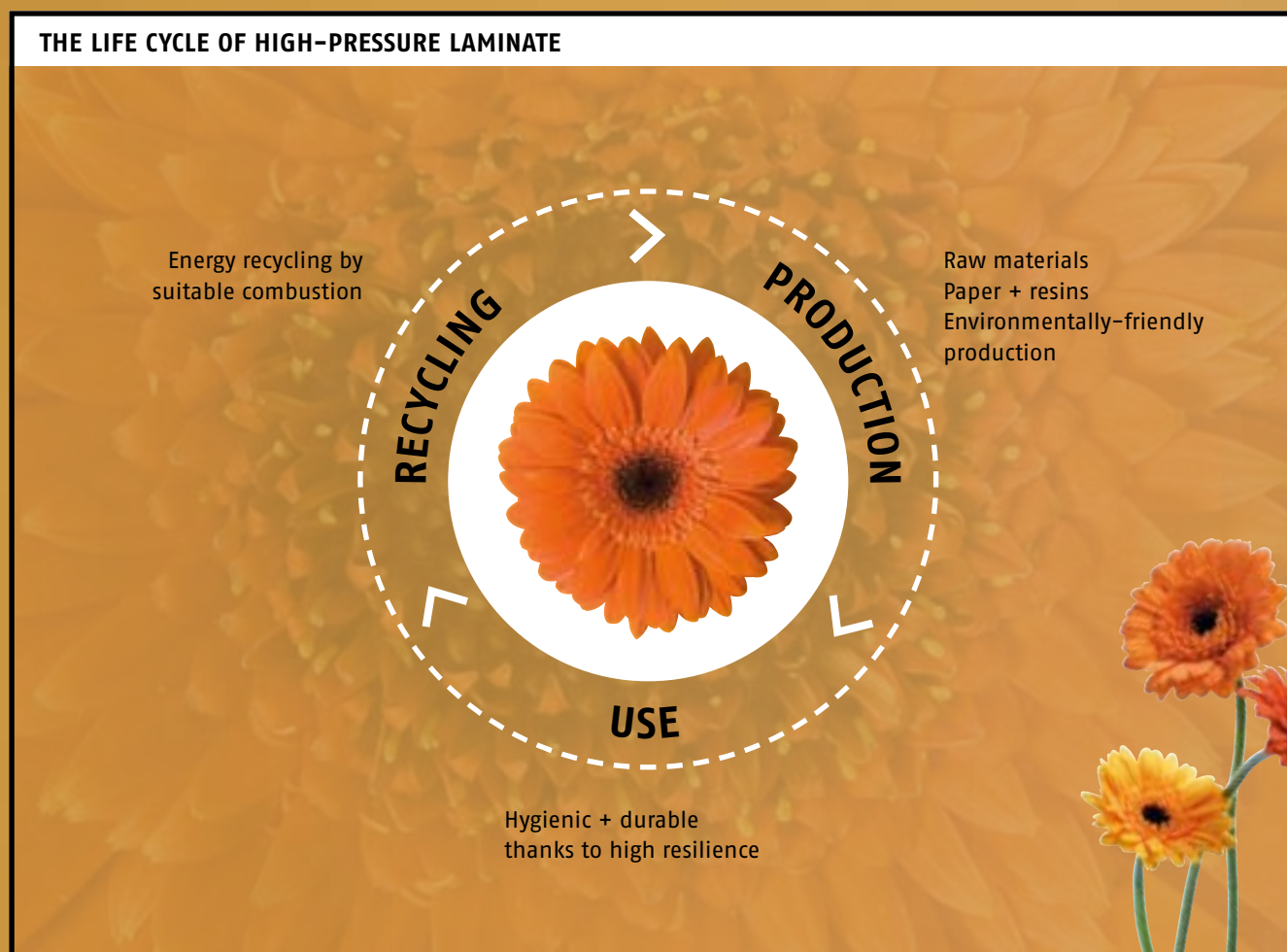
sumption of energy, combustion converts the energy bound up in the materials into usable heat or electricity. Due to the high calorific value, a large proportion of the energy needed for the production of HPL is recovered, thereby completing the cycle.

THE BALANCE

At every phase from production to use and on to energy recycling, HPL shows itself to be an environmentally compatible material. The individual balances such as raw material consumption, energy consumption, carbon dioxide emissions and waste levels also stand up to the closest scrutiny – particu-

larly if one also considers the long useful life of HPL. This results in a clearly positive overall balance. The life cycle analysis according to the cradle-to-cradle principle ("From the cradle to the grave and back") produces all in all a positive environmental profile. This reinforces the good reputation of high-pressure laminates – including in the environmental area. The environmental profile simultaneously confirms the years of quality work of HPL manufacturers. Duropal will continue to follow this path in future with additional and consistent efforts in the field of research and development.

This article is based on the results of a scientifically-founded, internationally recognised comprehensive life cycle analysis under ISO (Draft) 14040–14043, which was carried out by the well-known independent Dutch testing institute Intron.





BRIEF INTERVIEW WITH SUSTAINABILITY EXPERT ANNE FARKEN

REDUCING COSTS – ENSURING COMPETITIVENESS

As a Senior Materials Researcher with Material ConneXion® in Cologne, Anne Farken advises customers from various sectors on questions of materials. Her day-to-day work includes, amongst other things, individual research on behalf of manufacturers and users. She also looks for innovative materials and processing technologies for the international materials library and provides consultation on all aspects of 'materials and sustainability'.

Your work demonstrates that innovation and sustainability does not have to be a contradiction in terms. Do you see here any comprehensive trend in material development?

You could put it that way. Nowadays there are new approaches in design, architecture and town planning which are motivated by the concept of 'sustainability'. In addition to physical and aesthetic characteristics, costs and availability, increasing value is being placed on minimal environmental effects in the selection of materials, particularly as the ever rising price of fossil raw materials and increasingly strict legislation are creating a demand for new materials.

Are ecological and economic interests complementing each other?

The intelligent use of materials harmless to the environment and to health is opening up a very promising way for industry to develop new products which comply with consumer demands. Overall it can safely be said that material and process developments which contribute to increasing the efficiency and effectiveness of available resources offer equally promising opportunities for reducing costs and safeguarding competitiveness.

The international material library also includes HPL laminates from Duropal.

Yes, HPL SolidColor in the décor Icy White and Duropal microPLUS® have recently been included by Material ConneXion®.

And how did this come about?

My attention was drawn to Duropal during the course of my research at ZOW, a trade fair in Bad Salzuflen. The decision on its inclusion however was made in New York. All the agencies in the worldwide network of Material ConneXion® send a preliminary selection of innovative materials to our headquarters in New York. Every month, an external interdisciplinary jury of experts then selects between 30 and 50 new materials for the libraries in Milan, Cologne, Bangkok and Daegu. Only those materials which have fulfilled the necessary criteria are included. As already mentioned, these criteria include innovation potential, sustainability and the range of possible application.

ANNE FARKEN

Anne Farken is a Senior Materials Researcher with Material ConneXion® Cologne. Material ConneXion® is the world's largest independent resource for new, innovative materials and technologies. Its international materials library and bespoke materials consulting services enable designers, architects, interior designers and engineers access to materials from a wide range of different industries.

www.materialconnexion.de



WELCOME TO THE INFORMATION SECTION OF HPL WORLD

DOWN TO THE HARD FACTS

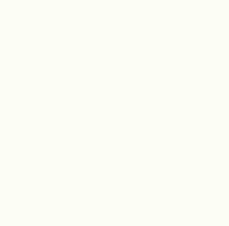
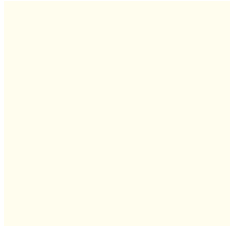
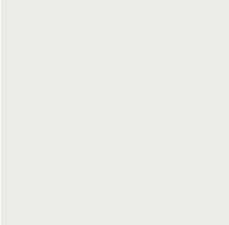
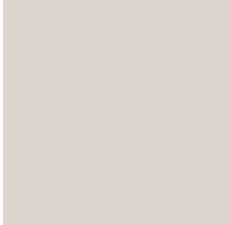
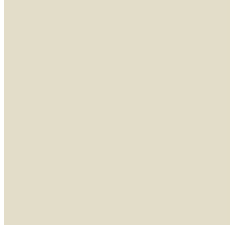
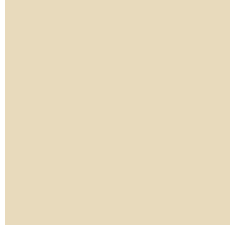
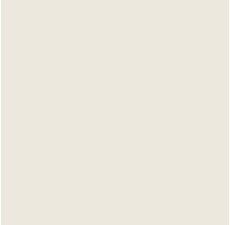
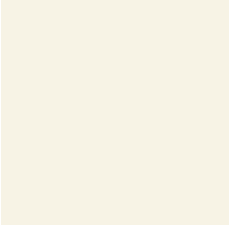
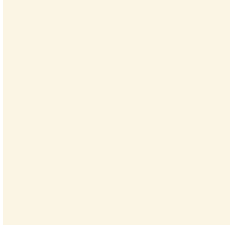
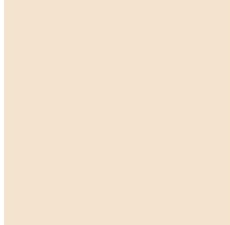
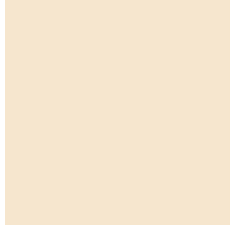
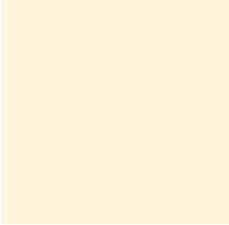
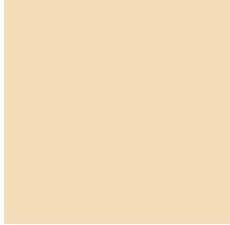
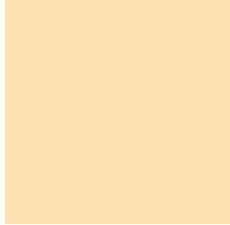
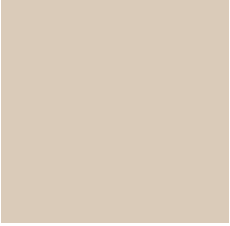
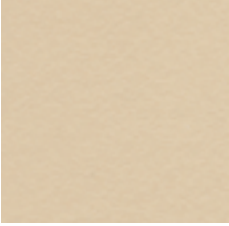
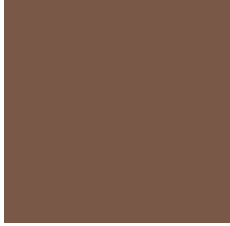
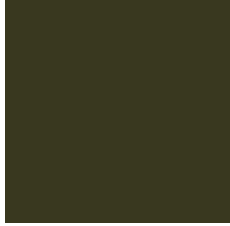
On the following pages you will find the information section of HPL World. This will give you a complete overview of the whole portfolio of Duropal HPL products and décors. Further impressive confirmation that HPL is more than just a material for worktops.

Our innovative logistics concept is available for rapid implementation in practice. All major parts of the range of wood-based materials and décors can be with you in the shortest possible time, thanks to our special stock programme. The same applies for the product and colour match range, which enables the combination of melamine faced panels (DP) and Duropal high-pressure laminates (HPL) in matching décors. For all further design requirements, the dedicated production programme is available. To obtain a quick overview of the combination possibilities of décors and surface textures, we recommend our sample configurator at www.duropal.com. Here you will also find further useful information and downloads.

Despite the latest printing technology, colours illustrated may vary slightly from the original.



PLAIN COLOURS

				
Icy White U 1027 W	Opaque White W 400 MP	Crystal White U 1026 W	Cream White U 1077 W	
				
White W 220 MP	Pastel Grey U 1189 W	Silver Grey U 1131 W	Beige Grey U 1331 W	Kashmir Beige U 1305 MP
				
Grey White U 1010 MP	Volcanic White U 1011 W	Magnolia White U 1379 MP	Jasmine U 1358 MP	Light Cream U 1357 MP
				
Ivory White U 1303 W	Magnolia U 1306 MP	Light Beige U 1365 MP	Medium Beige U 1313 MP	Yellow U 1572 MP
				
Sand Greige U 1343 W	Creme U 1316 MP	Caramel U 1349 MP	Cocoa U 1961 MP	Coffee U 1982 MP



Pastel Yellow
U 1559 MP



Velvet Yellow
U 1574 MP



Egg yolk Yellow
U 1579 MP



NEW!

Golden Orange
U 1665 W



Apricot
U 1677 W



Orange
U 1667 MP



Brick Red
U 1697 W



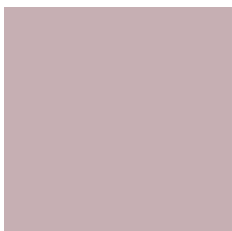
Carmine Red
U 1669 MP



Ruby Red
U 1691 W



Geranium
U 1676 W



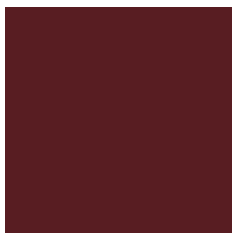
Thistle
U 1796 W



Plum
U 1795 W



Cyclam
U 1675 W



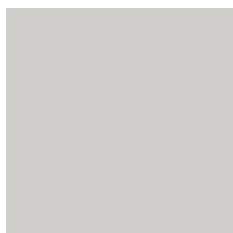
Volcanic Red
U 1601 W



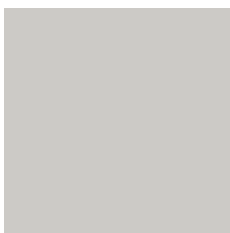
NEW!

Purple
U 1686 W

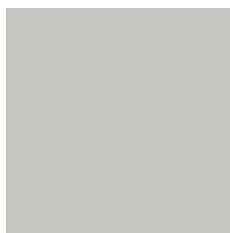
PLAIN COLOURS



Light Grey
U 1188 MP



Montana Grey
U 1109 MP



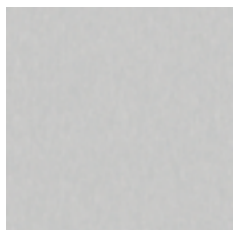
Manhattan
U 1179 MP



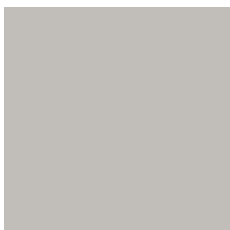
Platinum Grey
U 1115 MP



Volcanic Grey
U 1117 MP



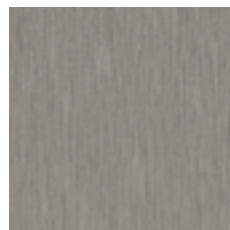
Natural Aluminium
M 9500 SM



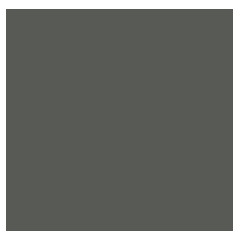
Stainless Steel Alu
M 9600 SM



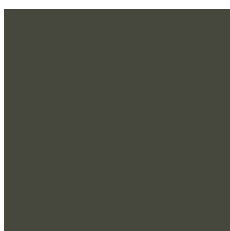
Natural brushed Aluminium
M 9510 SM



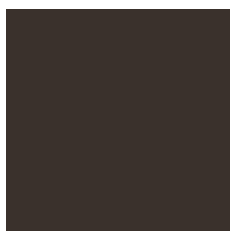
Brushed Stainless Steel
M 9610 SM



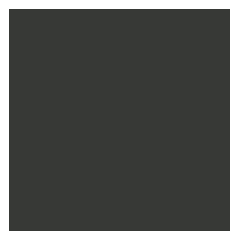
Anthracite
U 1290 MP



Graphite
U 1257 MP



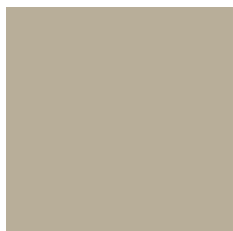
Terra Brown
U 1980 MP



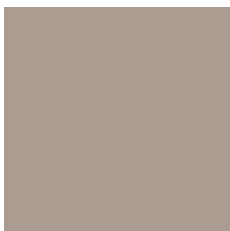
Metallic Black
U 1233 MP



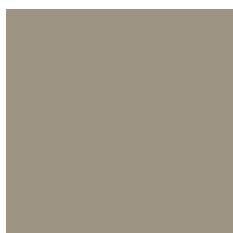
Volcanic Black
U 1200 MP



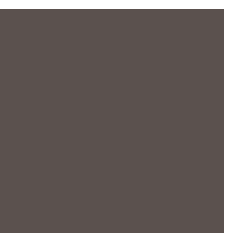
Cuvo
U 1190 WV



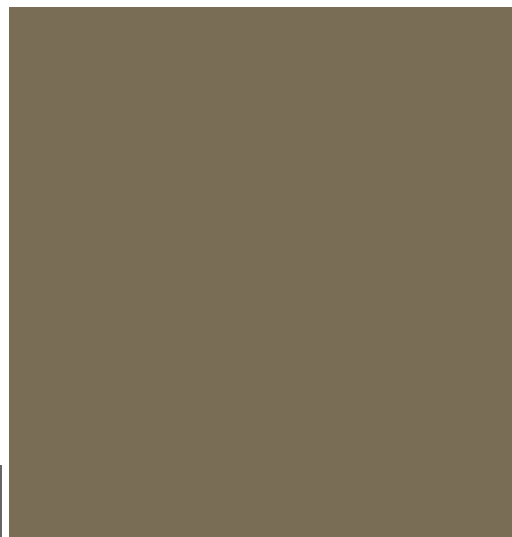
Sand Grey
U 1184 WV



Congo
U 1191 WV



Lava
U 1211 WV

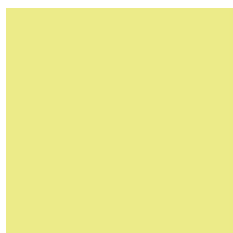


Quando
U 1193 WV

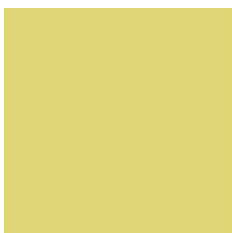
NEW!

NEW!

NEW!



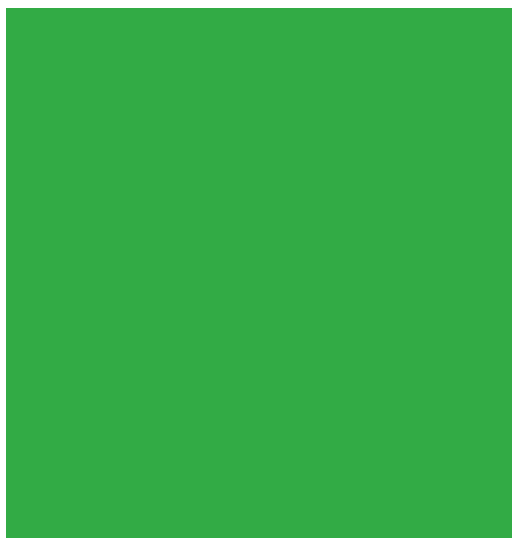
Lemon
U 1560 W



Light Olive
U 1856 MP



Olive
U 1857 MP



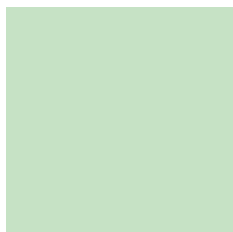
Yellow Green
U 1818 MP



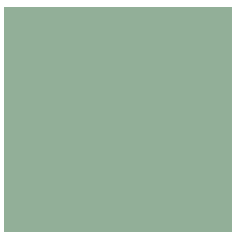
Kiwi
U 1833 W



Apple
U 1834 W



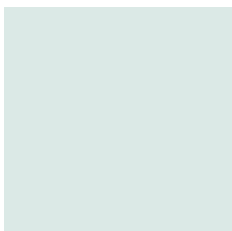
Peppermint
U 1898 MP



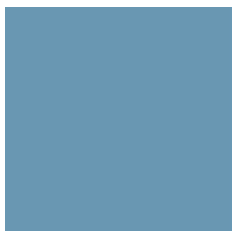
Dull Green
U 1896 MP



Pine Green
U 1806 MP



Ice Blue
U 1740 MP



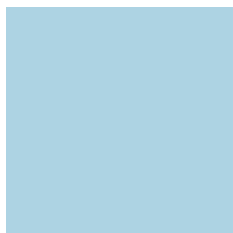
Water Blue
U 1717 MP



Sky Blue
U 1715 MP



Night Blue
U 1710 MP



Crystal Blue
U 1739 MP



Lavender
U 1711 W



Royal Blue
U 1748 MP



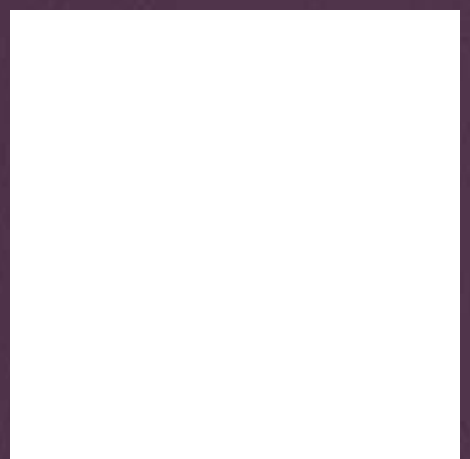
Dark Blue
U 1747 W

Purple
U 1686 WV

Platinum Grey
U 1115 MP



Macchiato Esprit
F 7222 RU



Icy White
U 1027 CT

Plum Fineline
R 5636 W



Cuvo
U 1190 W



Dark Moonstone
R 6511 CT



Cuando
U 1193 RU

WOOD REPRODUCTIONS



Beige Ash
R 5012 TR

NEW!



Victoria Beech
R 5136 SO

NEW!



Navarra Pine
R 4524 RU



Light Maple
R 5464 W



Light Apple
R 5402 VV

NEW!



Imperial Maple
R 5243 W



Sycamore
R 5479 W



Natural Tessin Maple
R 5201 W



Natural Sycamore
R 5445 W



Cashmere Maple
R 5978 VV



Light Bamboo
R 5801 W



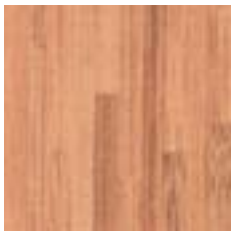
Light Altmuehl Beech
R 5176 W



Altmuehl Beech
R 5177 W



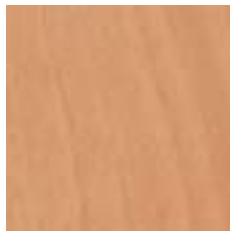
White Beech
R 5320 VV



Natural Bamboo
R 5803 W



Amber Tessin Maple
R 5202 W

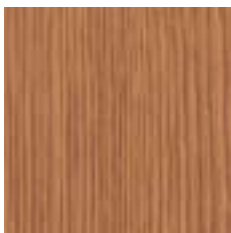


Calvados Apple
R 5406 W

NEW!



Niagara Beech
R 5338 SO



Natural Bavarian Oak
R 4373 TR



Natural Bamboo
R 5802 W



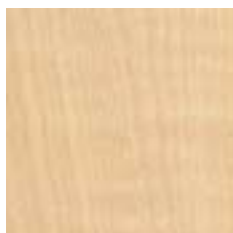
Medium Bella Noce
R 4888 W



Golden red Alder
R 4601 W



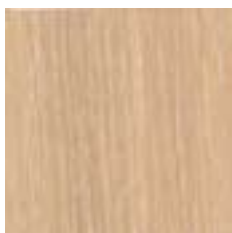
Beech
R 5187 VV



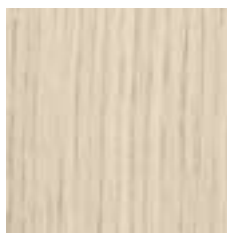
Royal Maple
R 5184 W



Pearwood Butcherblock
R 5510 W



Nat. Balearic Oak
R 4400 TR



NEW!

Laval Oak
R 4261 TR



NEW!

Ontario Maple
R 5242 W



Natural planked Pear
R 5345 W



Bleached wild Pear
R 5413 W



Walnut
R 4894 W



Light Arte Beech
R 5303 W



Samerberg Beech
R 5333 W



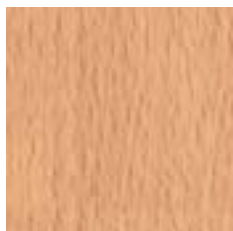
Amber knotted Spruce
R 4508 TR



Lightened Montana Oak
R 4215 TR



Naples Oak
R 4271 SO



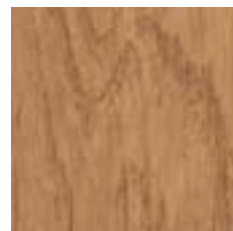
White Beech Parquet
R 5336 W



Westphalia Beech
R 5180 W



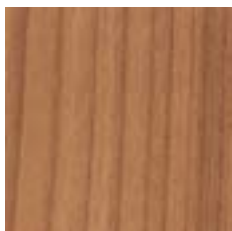
Natural Beech
R 5311 TR



Natural Spessart Oak
R 4182 TR



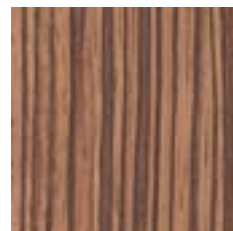
Natural Piemont Oak
R 4219 TR



Light Malaga Cherry
R 5674 W



Pippy Oak
R 5195 TR



Zebrano
R 5693 W

WOOD REPRODUCTIONS



Natural wild Pear
R 5411 W



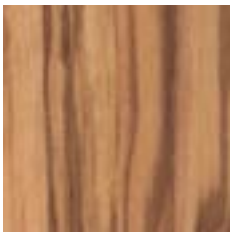
Classic Pear
R 5341 W



Red Plum
R 5605 W



Clay Monza Maple
R 5205 W



Light Olive Tuscany
R 5619 W



Light Cherry
R 5971 W



Planked Beech
R 5313 TR



Figured Beech
R 5186 TR



Subdued Beech
R 5322 W



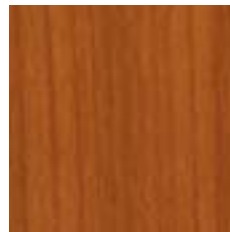
Swiss Pear
R 5340 W



Fine planked Alder
R 4606 W



Cherry Tree
R 5352 TR



Precious Cherry
R 5360 W



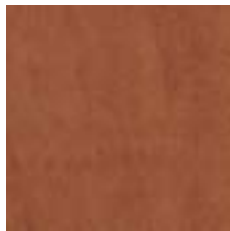
Golden Cherry
R 5592 W



Dark Bella Noce
R 4887 W



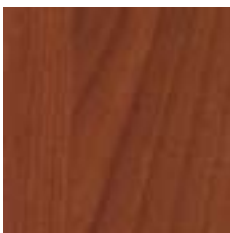
Light Mirabelle
R 5641 W



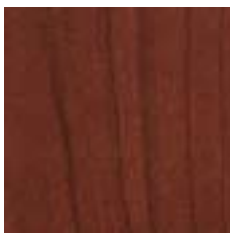
Honey wild Pear
R 5416 W



Java Rosewood
R 5610 W



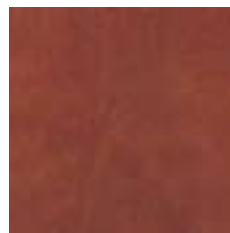
Stained Cherry
R 5354 W



Red Malaga Cherry
R 5675 W



Classic Cherry
R 5595 W



Cognac wild Pear
R 5410 W



Mahogany
R 5634 TR



Light Oak
R 4381 TR

NEW!



Natural Dakota Oak
R 4366 FG

NEW!



Macchiato Esprit
F 7222 WV



Light Verona Oak
R 4206 SO

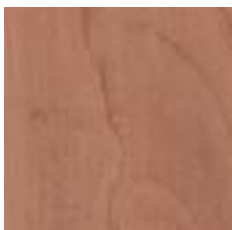
NEW!



Country Oak
R 4211 WV



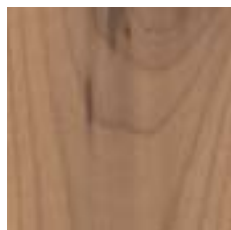
Gold Virginia
R 4532 SO



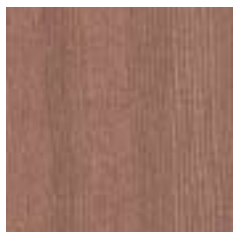
Aurora Apple
R 5401 WV



Light Ontario Maple
R 5241 WV



Dark Ontario Maple
R 5240 WV



Bronze Virginia
R 4530 SO



Havanna Cherry
R 5681 WV



Block Walnut
R 5151 MS

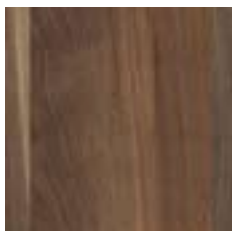
NEW!



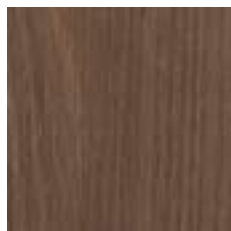
Messina Pear
R 5418 WV



Brown Plum
R 5604 WV



Brown Plum Butcher
R 5638 WV

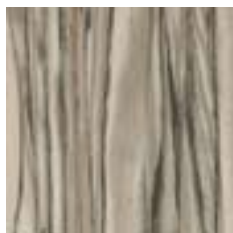


Cinnamon Acacia
R 5052 WV

NEW!

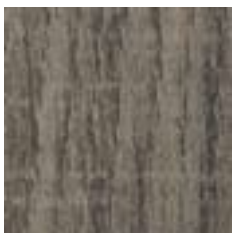


Zambezi Beech
R 5137 WV



Artwood
R 5809 WV

NEW!

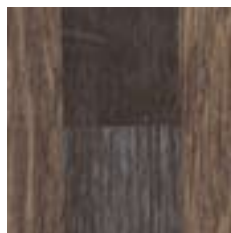


Smoked Dakota Oak
R 4365 FG



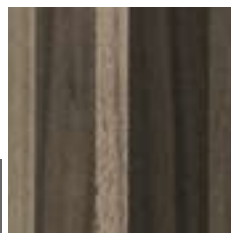
Milano Walnut
R 4896 RU

NEW!



Harvard Oak Block
R 4210 WV

NEW!



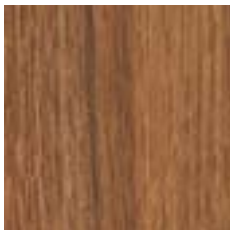
Plum Finition
R 5636 WV

WOOD REPRODUCTIONS

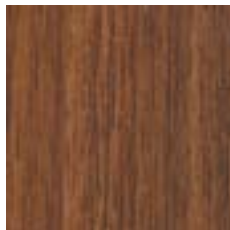
NEW!



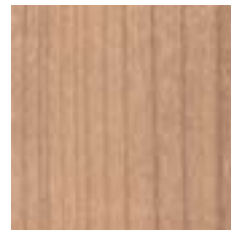
Noce Royale
R 5611 RU



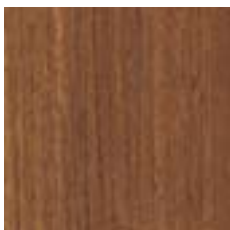
Clear Aragon Walnut
R 4866 SO



Aragon Walnut
R 4867 SO



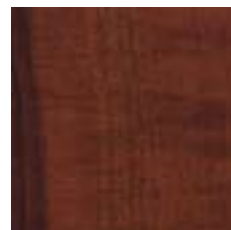
Olive Tuscany
R 5618 VV



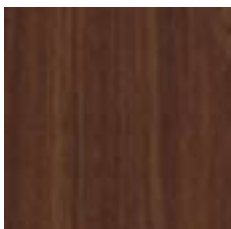
Striped Teak
R 5692 TR



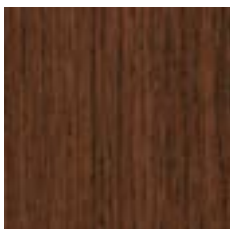
Red Plum Butcher
R 5639 WV



Indian Apple
R 5615 VV



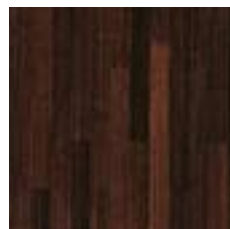
Standard Walnut
R 4801 TR



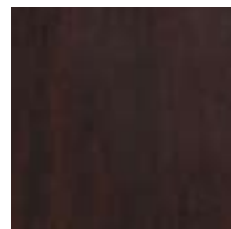
Brown Solid Oak
R 4230 TR



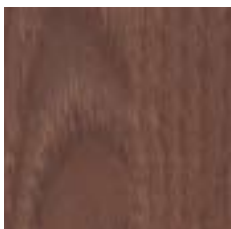
Woodmix Block
R 5989 WV



Mocha Bamboo
R 5804 VV



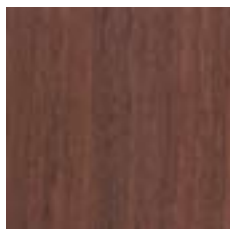
Block Wenge
R 5152 MS



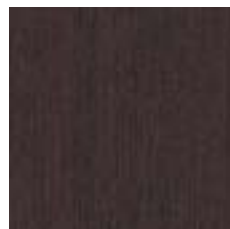
Coffee Piemont Oak
R 4220 TR



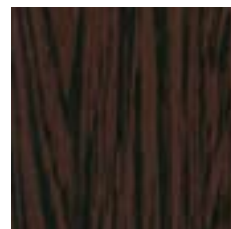
Dark Mirabelle
R 5642 VV



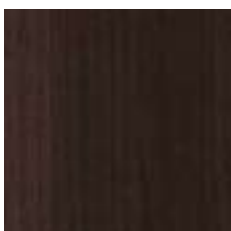
Choco Bella Noce
R 4889 WV



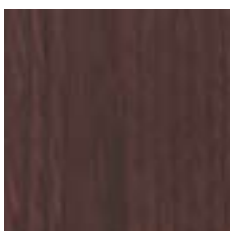
Mocha Virginia
R 4533 SO



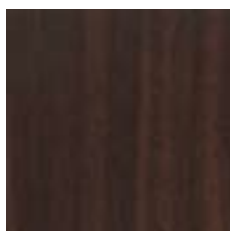
Classic Wenge
R 5690 TR



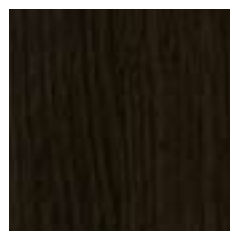
After Eight Maple
R 5447 WV



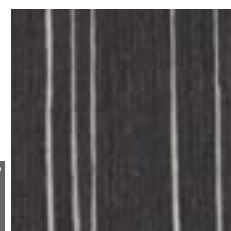
Mocha Piemont Oak
R 4221 TR



Macassar Ebony
R 5673 VV



Dark Oak
R 4272 RU



NEW!

Black Esprit
F 7223 VV

Olive Indian Summer
F 7102 FG



Plum
U 1795 W



Desert Sand
R 6460 MS



Victoria Beech
R 5136 S0

Flannel Noble Oak
R 4231 HX*

* HX finish only in Duropal-topx quality

Icy White
U 1027 CT



Red Hot Sunglo
R 6000 HX*



Castello Granite
R 6205 CT

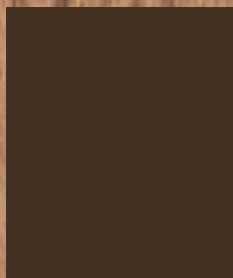
Golden Orange
U 1665 W



Light Moonstone
R 6510 CT



Authentic
F 8339 W



Noce Royale
R 5611 RU

FANTASY AND STONE



Beach
F 7203 TC



White Attica Marble
R 6286 TC



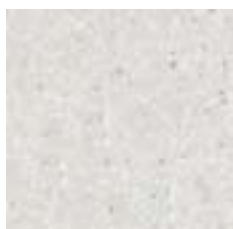
NEW!

Opal Ice
R 6515 CT

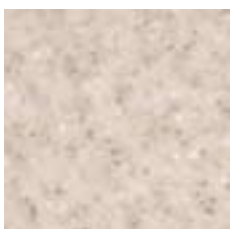


NEW!

Jade Ice
R 6516 CT



White Myriade
F 8190 MS



Glacial Storm
R 6480 MS



NEW!

Desert Sand
R 6460 MS



NEW!

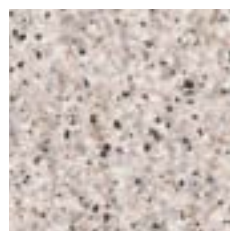
Travertine
R 6245 PF



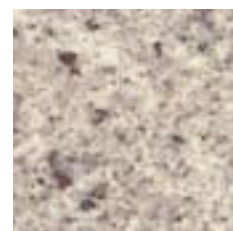
Light Marble
R 6254 TC



Mirabelle Corro
R 6352 TC



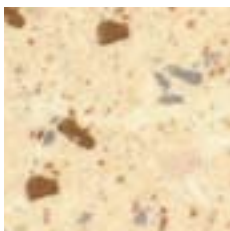
White Orion
F 8330 MS



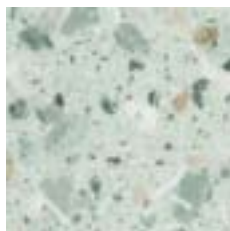
Beige Kashmir
R 6472 TC



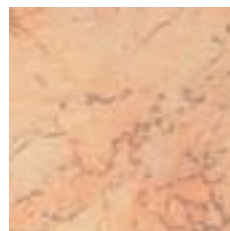
Grey beige Sira
F 7424 TC



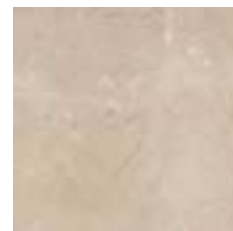
Yellow Sira
F 7431 TC



Light green Sira
F 7426 TC



Ochre Mariposa
R 6343 TC

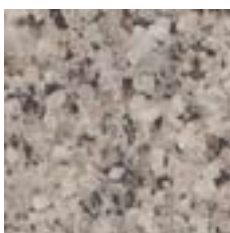


Trasimeno shell
R 6496 VV



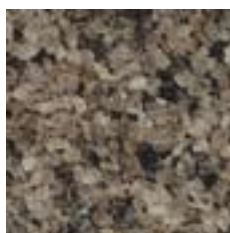
NEW!

Grey Ottawa
R 6050 VV



NEW!

Pink Ottawa
R 6051 VV



NEW!

Brown Ottawa
R 6052 VV



Belluno Granite
R 6284 HS



NEW!

Light Moonstone
R 6510 CT

NEW!



Light Grey Sahara
R 6455 PF

NEW!

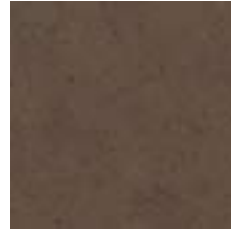


Grey Sahara
R 6456 PF

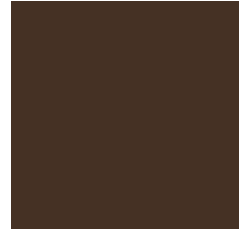
NEW!



Brown Sahara
R 6457 PF



Chocolate Dream
F 8341 MS



Authentic
F 8339 SM

NEW!



Castello Granite
R 6205 CT

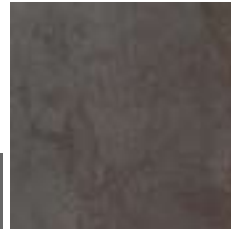


Grey Limestone
R 6423 TC



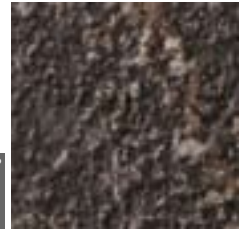
Motion mocha
F 7665 WV

NEW!



Tempered Steel
F 7478 PF

NEW!



Dark Moonstone
R 6511 CT



Light grey Corn
F 7920 TC



Corn
F 7919 TC



Dark anthracite Fino
F 7684 MP



Black Limestone
R 6424 TC



Crystal Black
R 6213 TC

NEW!



Roma Marble
R 6499 PF



Black Myriade
F 8194 MS



Titanic Blue
F 7475 PF

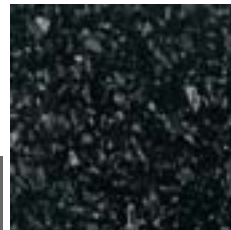


Light Brazil
R 6217 HS



Star Black
F 7407 TC

NEW!



Astral Quartz
F 8345 CT



Flash black
F 7654 CT

FANTASY AND STONE



Grey Myriade
F 8192 MS



Grey Kashmir
R 6473 TC



Loft Concrete
R 5808 W



Pumice
R 6479 TC



Soft Concrete
R 6493 W



Trasimeno emerald
R 6495 W



Trasimeno basalt
R 6497 W



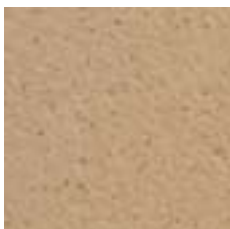
Mid grey Slate
R 6448 W



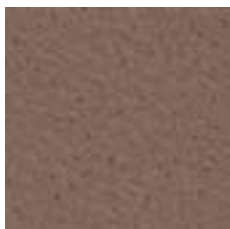
Welsh Slate
R 6487 PF



Aztec Gold
F 7945 HG



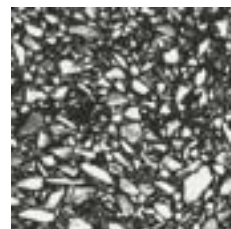
Motion caramel
F 7666 W



Motion cappuccino
F 7667 W



Tula brown and white
F 8343 CT

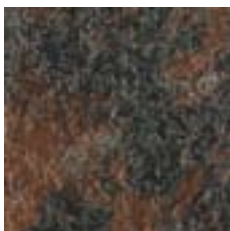


Tula Quartz
F 8342 CT

NEW!



Cream Macao
R 6005 CT



Terra Macao
R 6006 CT



Lava Macao
R 6007 CT



Titanic Rust
F 7474 PF



Tula Bronze
F 8344 CT

NEW!

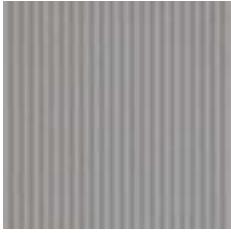
NEW!

NEW!

NEW!



White Alu wave
F 8010 VV



Silver Alu wave
F 8008 VV



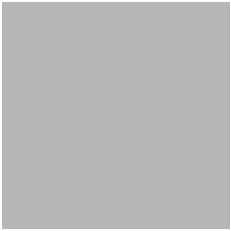
White Aluminium
F 8582 MP



Alu Finesse
F 8583 MP



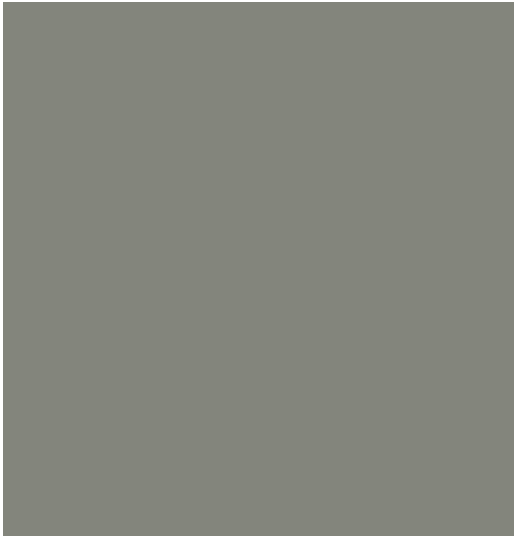
Brushed Aluminium
F 8110 VV



Grey Anthracite
F 8595 MP



Metallic Polaris
F 7205 MP



Titanium
F 8572 MP



Silver grey Zeus
F 7487 MP



Anthracite Zeus
F 7486 MP



Bronze Zeus
F 7491 MP



Cava Rosé
F 8568 HG



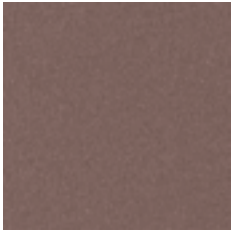
Cava Beige
F 8567 HG



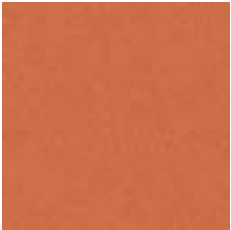
Yellow Rainbow
F 8816 HG



Green Rainbow
F 8815 HG



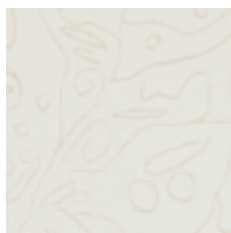
Anthracite Rainbow
F 8830 HG



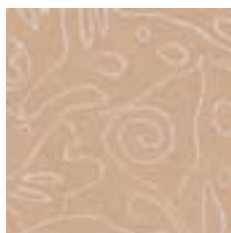
Copper
F 8810 HG

FANTASY AND STONE

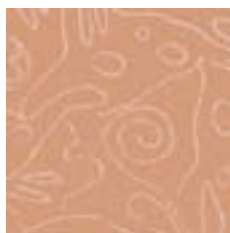
NEW!



Pistachio Playground
F 7933 SM



Almond Playground
F 7932 SM



Apricot Playground
F 7930 SM



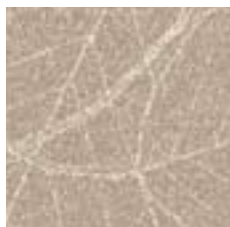
Cyclam Playground
F 7931 SM

NEW!



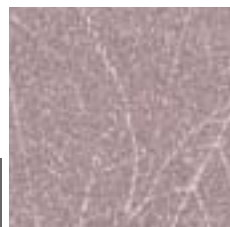
Grey Indian Summer
F 7103 FG

NEW!



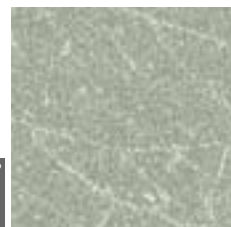
Sand Indian Summer
F 7100 FG

NEW!



Purple Indian Summer
F 7101 FG

NEW!



Olive Indian Summer
F 7102 FG



Audrey
F 7942 PF



Clark
F 7943 PF



Humphrey
F 7940 PF



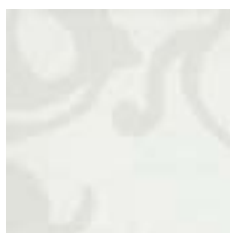
Marilyn
F 7941 PF



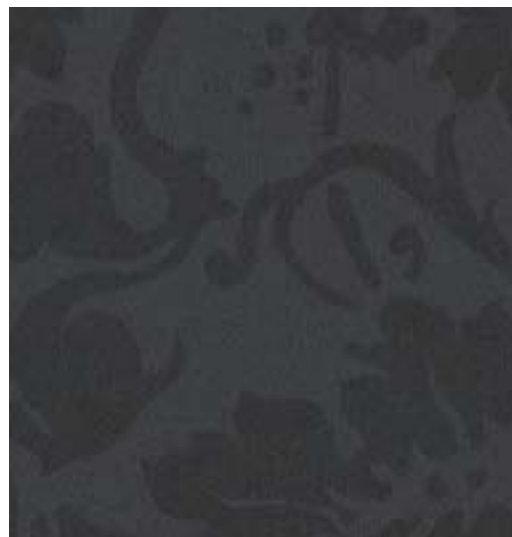
Blue Orion
F 8333 MS



Blue Myriade
F 8193 MS

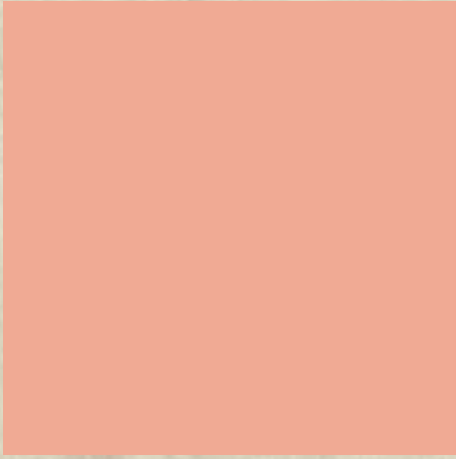


White Arabesque
F 7463 WV



Black Arabesque
F 7462 WV

Apricot
U 1677 W



Imperial Maple
R 5243 W



Cream Macao
R 6005 CT



Travertine
R 6245 PF

The background of the entire page is a dense, granular texture in shades of light brown, tan, and beige, with darker brown and greyish spots scattered throughout, resembling a natural stone or a high-quality laminate.

Light Moonstone
R 6510 CT

A rectangular sample of a wood-grain laminate, showing a vertical grain pattern in a warm, medium-brown color.

Messina Pear
R 5418 W

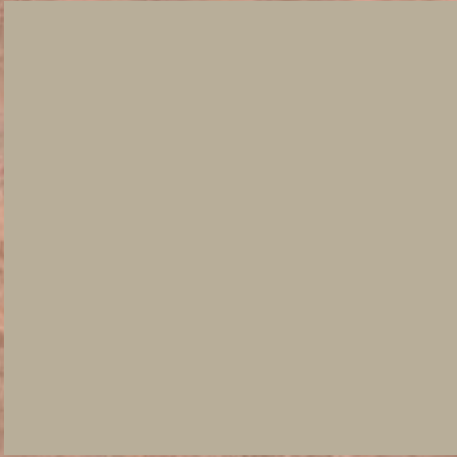
A rectangular sample of a solid, dark grey or charcoal-colored laminate with a smooth, uniform finish.

Anthracite
U 1290 MP

A rectangular sample of a bright yellow laminate with a subtle, repeating geometric pattern of small squares or rectangles.

Audrey
F 7942 PF

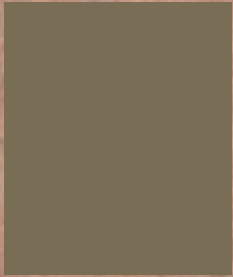
Cuvo
U 1190 RU



Flannel Noble Oak
R 4231 HX*



Cuando
U 1193 W



* HX finish only in Duropal-topX quality

Red Hot Sunglo
R 6000 HX*

Lava Macao
R 6007 CT

Icy White
U 1027 W

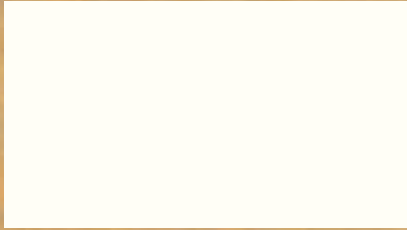
Volcanic Red
U 1601 W

Zambezi Beech
R 5137 W

Brown Sahara
R 6457 PF



Crystal White
U 1026 W



Mocha Noble Oak
R 4232 HX*



* HX finish only in Duropal-topX quality

Smokey Gold
R 6001 HX*

Terra Macao
R 6006 CT

Crystal White
U 1026 W

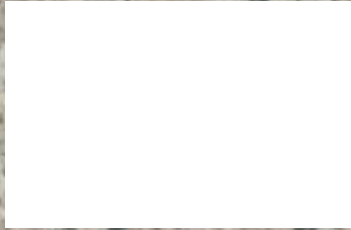
Aztec Gold
F 7945 HG

Thistle
U 1796 W

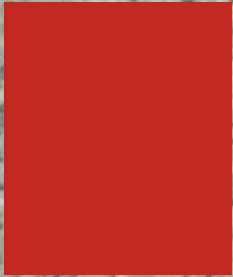
Ontario Maple
R 5242 W



Icy White
U 1027 W



Brick Red
U 1697 W



Grey Ottawa
R 6050 W

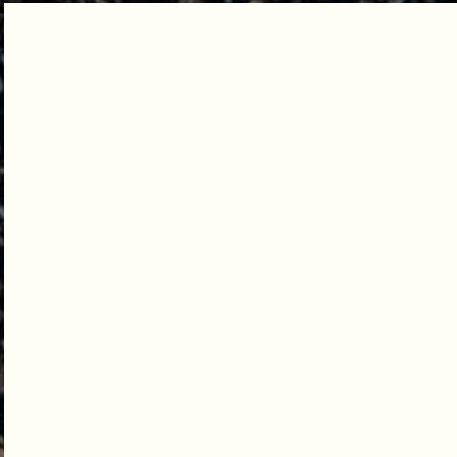
Sand Indian Summer
F 7100 FG

Sand Greige
U 1343 RU

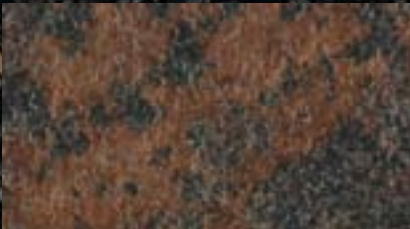
Kiwi
U 1833 CT

Pink Ottawa
R 6051 WW

Crystal White
U 1026 VV



Terra Macao
R 6006 CT



Smokey Gold
R 6001 HX*



* HX finish only in Duropal-topX quality

Tula Bronze
F 8344 CT

PLAIN COLOURS

Despite the latest print technology, there may still be differences to the colours of the originals. We would advise you to request a DIN A4 sample of your chosen decor – just to be sure!

Decor no.	Decor name	NCS code (exact match)	Closest NCS code (for colour systems)	RAL	Stock programme			DP 2,655 x 2,100 mm those marked * also available in 3,200 x 2,050 mm thickness as quoted	Product system
					HPL 4,100 x 1,300 x 0.8 mm those marked * also available in 4,100 x 1,410 x 0.8 mm	Worktops 4,100 x 600/900/1,200 x 39 mm those marked * also available in 4,100 x 650 x 39 mm with Hydrofuge core	HPL doors [△]		
W 220	White	0802-G66Y	1002-G50Y		VV, MP			SM – 8, 16, 19 mm MP – 8, 16, 19 mm	CM
W 300	White	0702-G74Y	0502-G50Y					SM – 8, 10, 13, 16, 19, 22 mm MP – 8, 10, 13, 16, 19*, 22 mm VV – 19* mm	DP
W 400	Opaque White	0602-G84Y	0502-Y		VV, MP, RU			SM – 16, 19* mm MP – 8, 16, 19* mm RU – 19 mm	CM
W 700	White painting Grade MDF	1002-G50Y	1007-G50Y						DP
W 701	White painting Grade	1201-Y23R	1002-Y					SM – 16, 19* mm	DP
U 1010	Grey White	1202-Y01R	1002-Y	9002	MP		VV	MP – 19 mm	CM
U 1011	Volcanic White	0903-Y25R	1005-Y30R	simil. 9001	VV				CM
U 1026	Crystal White*	0602-Y05R	0502-Y	simil. 9016	VV, TC*, CT, HG***	TC*/CT*–Quadra	VV	VV – 19 mm	WT; CM
U 1027	Icy White*	0407-R66B	0505-R60B		VV, CT		VV	VV – 19 mm	CM
U 1077	Cream White	0702-G86Y	0502-Y	9010	VV		VV		HPL
U 1109	Montana Grey	2201-G58Y	2500-N		MP		VV	MP – 16, 19* mm	CM
U 1115	Platinum Grey*	4601-B99G	4502-G		MP		VV	MP – 16, 19 mm	CM
U 1117	Volcanic Grey	6204-R93B	6005-R80B	simil. 7012	MP, CT			MP – 19 mm	CM
U 1131	Silver Grey	1501-Y37R	1500-N		VV			MP – 16, 19 mm	CM
U 1179	Manhattan	2601-G35Y	2502-G		MP			MP – 19 mm	CM
U 1184	Sand Grey*	3604-Y37R	4005-Y50R		VV		VV	VV – 19 mm	CM
U 1188	Light Grey	2001-G37Y	2000-N	7035	MP, TC	TC–Quadra	VV	MP – 8, 16, 19* mm	WT; CM
U 1189	Pastel Grey	1302-G88Y	1502-Y		VV		VV		CM
U 1190 NEW!	Cuvo	3105-Y14R	3005-Y20R		VV, RU		VV		HPL
U 1191 NEW!	Congo	4303-Y48R	4005-Y50R		VV, RU		VV	VV – 19 mm	CM
U 1193 NEW!	Cuando*	5704-Y25R	6005-Y20R		VV, RU		VV		HPL
U 1200	Volcanic Black*	8402-R90B	8502-B	9005	MP, CT		VV	MP – 16, 19 mm	CM
U 1211	Lava*	6803-Y74R	57005-Y50R		VV, RU		VV	VV – 19 mm	CM
U 1233	Metallic Black	7801-R84B	8000-N		MP, CT		VV		CM
U 1257	Graphite	7300-N	7500-N		MP, RU			MP – 19 mm	CM
U 1290	Anthracite*	6402-R92B	6502-B		MP				CM
U 1303	Ivory White	0702-G86Y	0502-Y		VV		VV		CM
U 1305	Kashmir Beige	1407-Y23R	1005-Y20R		MP				CM
U 1306	Magnolia	0705-Y20R	0505-Y20R	simil. 1013	MP			MP – 19 mm	CM
U 1313	Medium Beige	1210-Y25R	1010-Y30R	1015	MP		VV	MP – 19 mm	CM
U 1316	Creme	2208-Y25R	52010-Y20R		MP				CM
U 1331	Beige Grey	1304-Y18R	2005-Y20R		VV				CM
U 1343	Sand Greige*	1905-Y48R	2005-Y50R		VV, RU		VV	VV – 19 mm	CM
U 1349	Caramel	3009-Y46R	53010-Y40R		MP, CT, HG***				CM
U 1357	Light Cream	0908-Y44R	1010-Y40R		MP				CM
U 1358	Jasmine	1006-Y40R	1005-Y40R		MP, TC, HG***	TC*–Quadra		MP – 19 mm	WT; CM
U 1365	Light Beige	0807-Y26R	0510-Y30R		MP		VV	MP – 19 mm	CM
U 1379	Magnolia White	0604-Y32R	50804-Y30R		MP, CT		VV		HPL

Decor no.	Decor name	NCS code (exact match)	Closest NCS code (for colour systems)	RAL	Stock programme			DP 2,655 x 2,100 mm those marked * also available in 3,200 x 2,050 mm thickness as quoted	Product system
					HPL 4,100 x 1,300 x 0.8 mm those marked * also available in 4,100 x 1,410 x 0.8 mm	Worktops 4,100 x 600/900/1,200 x 39 mm those marked * also available in 4,100 x 650 x 39 mm with Hydrofuge core	HPL doors [△]		
U 1559	Pastel Yellow	0717-Y15R	0520-Y10R		MP, HG***		VV	MP – 19 mm	CM
U 1560	Lemon	0030-G70Y	0530-G70Y		VV, CT		VV		CM
U 1572	Yellow	1015-Y23R	S1015-Y20R		MP, CT				HPL
U 1574	Velvet Yellow	0736-Y10R	0540-Y10R		MP, CT		VV	MP – 19 mm	CM
U 1579	Egg yolk Yellow	0769-Y15R	0570-Y20R	1003	MP				CM
U 1601	Volcanic Red	6519-R10B	7020-R10B		VV		VV	VV – 19 mm	CM
U 1665 NEW!	Golden Orange	1057-Y31R	1060-Y30R		VV		VV	VV – 19 mm	CM
U 1667	Orange	1367-Y41R	1070-Y40R	2011	MP, CT		VV	MP – 19 mm	CM
U 1669	Carmine Red	1968-Y93R	2070-Y90R	3000	MP			MP – 19 mm	CM
U 1675	Cyclam	1958-R23B	S2060-R20B		VV, CT				HPL
U 1676	Geranium	0831-R12B	S1030-R10B		VV, CT				HPL
U 1677	Apricot	1528-Y74R	S1030-Y70R		VV, CT				HPL
U 1686 NEW!	Purple	6325-R42B	S6030-R40B		VV				HPL
U 1691	Ruby Red	3070-Y93R	3070-Y90R	3003	VV, CT, HG***		VV	VV – 19 mm	CM
U 1697	Brick Red	2268-Y78R	2070-Y80R	simil. 3016	VV		VV		CM
U 1710	Night Blue	4060-R70B	4060-R70B		MP				CM
U 1711	Lavender	1060-R80B	1060-R80B		VV				CM
U 1715	Sky Blue	4123-R84B	4020-R80B	5014	MP, CT		VV		CM
U 1717	Water Blue	2726-R88B	3030-R90B		MP, CT		VV		CM
U 1739	Crystal Blue	0923-R93B	1020-R90B		MP, CT				CM
U 1740	Ice Blue	1005-B20G	1005-B20G		MP		VV	MP – 19 mm	CM
U 1747	Dark Blue	6616-R87B	7020-R90B		VV		VV		CM
U 1748	Royal Blue	4541-R85B	5040-R90B	5010	MP			MP – 19 mm	CM
U 1795	Plum	4611-R32B	S5010-R30B		VV, CT		VV		HPL
U 1796	Thistle	2612-R20B	S3010-R20B		VV, CT		VV		HPL
U 1806	Pine Green	6315-B93G	6020-G	simil. 6028	MP				CM
U 1818	Yellow Green	1857-G17Y	2060-G20Y	6018	MP			MP – 19 mm	CM
U 1833	Kiwi	2118-G82Y	S2020-G80Y		VV, CT		VV	VV – 19 mm	CM
U 1834	Apple	2918-G71Y	S3020-G70Y		VV, CT		VV	VV – 19 mm	CM
U 1856	Light Olive	1647-G80Y	S1050-G80Y		MP, CT, HG***		VV	MP – 19 mm	CM
U 1857	Olive	2938-G79Y	S3040-G80Y		MP, CT, HG***		VV	MP – 19 mm	CM
U 1896	Dull Green	3011-G03Y	3010-G		MP				CM
U 1898	Peppermint	1214-G07Y	1010-G10Y		MP				CM
U 1961	Cocoa	5610-Y70R	6010-Y70R	simil. 8025	MP, CT, RU, HG***				CM
U 1980	Terra Brown	8202-Y86R	S8005-Y80R		MP, HG***		VV	MP – 19 mm	CM
U 1982	Coffee	7605-Y52R	8005-Y50R	simil. 8014	MP, CT, RU			MP – 19 mm	CM
M 9500	Nat. Aluminium**				SM				HPL
M 9510	Natural brushed Aluminium**				SM				HPL
M 9600	Stainless Steel Alu**				SM				HPL
M 9610	Brushed Stainless Steel**				SM				HPL

* = Available in SolidColor.

*** = Design variant with surface HG in size 4,100x1,300x1.0 mm.

△ = HPL door sizes: 2,150x915/950/1,050/1,300x0.8 mm, 2,350x1,050x0.8 mm, 2,650x1,300x0.8 mm.

WOOD REPRODUCTIONS

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Decor no.	Decor name	Structure	Stock programme				Product system
			HPL 4,100x1,300x 0.8 mm those marked + also available in 4,100 x1,410x 0.8 mm	Worktops 4,100x600/900/1,200 x39 mm those marked + also available in 4,100x650x39 mm with Hydrofuge core	HPL doors [△]	DP 2,655x2,100 mm those marked + also available in 3,200x2,050 mm thickness as quoted	
R 4182	Natural Spessart Oak	Flowered plank	TR				CM
R 4206	Light Verona Oak	Flowered	SO			SO – 19 mm	CM
R 4210 NEW!	Harvard Oak Block	Butcherblock	VV				HPL
R 4211 NEW!	Country Oak	Flowered plank	VV, RU		TR	VV – 19 mm	CM
R 4215	Lightened Montana Oak	Flowered plank	TR	TR-Quadra	TR	TR – 19 mm	WT; CM
R 4219	Natural Piemont Oak	Striped plank	TR			TR – 19 mm	CM
R 4220	Coffee Piemont Oak	Striped plank	TR				CM
R 4221	Mocha Piemont Oak	Striped plank	TR, RU	TR*-Quadra		TR – 19 mm	WT; CM
R 4230	Brown Solid Oak	Striped plank	TR				CM
R 4261 NEW!	Laval Oak	Flowered plank	TR	TR-Quadra	SO	TR – 19 mm	WT; CM
R 4271	Naples Oak	Striped plank	SO		SO	SO – 19 mm	CM
R 4272	Dark Oak	Striped plank	VV, RU		RU	RU – 19 mm	CM
R 4365 NEW!	Smoked Dakota Oak	Striped plank	FG				HPL
R 4366 NEW!	Natural Dakota Oak	Striped plank	FG				HPL
R 4373	Natural Bavarian Oak	Flowered	TR			TR – 19 mm	CM
R 4381	Light Oak	Striped	TR, RU				CM
R 4400	Nat. Balearic Oak	Striped plank	TR, RU			TR – 19 mm	CM
R 4508	Amber knotted Spruce	Flowered	TR			TR – 19 mm	CM
R 4524 NEW!	Navarra Pine	Striped plank	RU			RU – 19 mm	CM
R 4530	Bronze Virginia	Striped	SO				CM
R 4532	Gold Virginia	Striped	SO				CM
R 4533	Mocha Virginia	Striped	SO			SO – 19 mm	CM
R 4601	Golden red Alder	Flowered plank	VV		VV	VV – 19 mm	CM
R 4606	Fine planked Alder	Flowered plank	VV				CM
R 4801	Standard Walnut	Striped plank	TR, RU			TR – 19 mm	CM
R 4866	Clear Aragon Walnut	Striped plank	SO, RU	RU-Quadra	SO	SO – 19 mm	WT; CM
R 4867	Aragon Walnut	Striped plank	SO, RU	RU-Quadra	SO	SO – 19 mm	WT; CM
R 4887	Dark Bella Noce	Striped plank	VV		SO		CM
R 4888	Medium Bella Noce	Striped plank	VV			VV – 19 mm	CM
R 4889	Choco Bella Noce	Striped plank	VV		VV	VV – 19 mm	CM
R 4894	Walnut	Flowered plank	VV				CM
R 4896	Milano Walnut	Striped plank	RU		RU	RU – 19 mm	CM
R 5012	Beige Ash	Flowered	TR			TR – 19 mm	CM
R 5052	Cinnamon Acacia	Flowered plank	VV				HPL
R 5136 NEW!	Victoria Beech	Striped	SO		SO	SO – 19 mm	CM
R 5137 NEW!	Zambezi Beech	Striped	VV		VV	VV – 19 mm	CM
R 5151	Block Walnut	Butcherblock	MS, VV*	MS*-Quadra			WT, HPL
R 5152	Block Wenge	Butcherblock	MS	MS-Quadra			WT, HPL
R 5176	Light Altmuehl Beech	Striped	VV		SO		CM
R 5177	Altmuehl Beech	Striped	VV		VV		CM
R 5180	Westphalia Beech	Flowered plank	VV				CM
R 5184	Royal Maple	Striped plank	VV	VV*-Quadra	VV	VV – 8, 16, 19 mm	WT; CM
R 5186	Figured Beech	Flowered plank	TR			TR – 19 mm	CM
R 5187	Beech	Striped	VV				CM
R 5195	Pippy Oak	Flowered plank	TR			TR – 19 mm	CM
R 5201	Natural Tessin Maple	Striped plank	VV		VV	VV – 19 mm	CM
R 5202	Amber Tessin Maple	Striped plank	VV				CM
R 5205	Clay Monza Maple	Flowered plank	VV			VV – 19 mm	CM
R 5240	Dark Ontario Maple	Flowered	VV				HPL
R 5241	Light Ontario Maple	Flowered	VV				HPL

Decor no.	Decor name	Structure	Stock programme				Product system
			HPL 4,100x1,300x 0.8 mm those marked + also available in 4,100 x1,410x 0.8 mm	Worktops 4,100x600/900/1,200 x39 mm those marked + also available in 4,100x650x39 mm with Hydrofuge core	HPL doors [△]	DP 2,655x2,100 mm those marked + also available in 3,200x2,050 mm thickness as quoted	
R 5242 NEW!	Ontario Maple	Flowered	VV	VV-Quadra	VV		WT, HPL
R 5243 NEW!	Imperial Maple	Flowered plank	VV		SO	VV – 19 mm	CM
R 5303	Light Arte Beech	Flowered plank	VV				CM
R 5311	Natural Beech	Striped plank	TR		TR	TR – 19 mm	CM
R 5313	Planked Beech	Striped plank	TR		VV	TR – 16, 19 mm	CM
R 5320	White Beech	Striped plank	VV*	VV*-Quadra		VV – 8, 16, 19 mm	WT; CM
R 5322	Subdued Beech	Striped plank	VV	VV*-Quadra			WT, HPL
R 5333	Samerberg Beech	Striped plank	VV			VV – 19 mm	CM
R 5336	White Beech Parquet	Butcherblock	VV	VV-Quadra			WT, HPL
R 5338 NEW!	Niagara Beech	Striped	SO, RU	RU-Quadra	RU	SO – 19 mm	WT; CM
R 5340	Swiss Pear	Flowered	VV			VV – 19 mm	CM
R 5341	Classic Pear	Flowered	VV				CM
R 5345	Natural planked Pear	Flowered plank	VV				CM
R 5352	Cherry Tree	Flowered	TR			TR – 19 mm	CM
R 5354	Stained Cherry	Flowered plank	VV			VV – 19 mm	CM
R 5360	Precious Cherry	Flowered plank	VV			VV – 19 mm	CM
R 5401	Aurora Apple	Flowered plank	VV				CM
R 5402	Light Apple	Flowered plank	VV				CM
R 5406	Calvados Apple	Flowered plank	VV				CM
R 5410	Cognac wild Pear	Flowered plank	VV*			VV – 19 mm	CM
R 5411	Natural wild Pear	Flowered plank	VV		SO	VV – 19 mm	CM
R 5413	Bleached wild Pear	Flowered plank	VV		SO	VV – 16, 19 mm	CM
R 5416	Honey wild Pear	Flowered plank	VV		VV		CM
R 5418 NEW!	Messina Pear	Striped plank	VV			VV – 19 mm	CM
R 5445	Natural Sycamore	Flowered plank	VV				CM
R 5447	After Eight Maple	Striped plank	VV			VV – 16, 19 mm	CM
R 5464	Light Maple	Flowered plank	VV		VV	VV – 19 mm	CM
R 5479	Sycamore	Flowered plank	VV		VV	VV – 19 mm	CM
R 5510	Pearwood Butcherblock	Striped plank	VV				CM
R 5592	Golden Cherry	Flowered	VV				CM
R 5595	Classic Cherry	Flowered plank	VV				CM
R 5604	Brown Plum	Striped plank	VV		VV	VV – 19 mm	CM
R 5605	Red Plum	Striped plank	VV			VV – 19 mm	CM
R 5610	Java Rosewood	Striped	VV				CM
R 5611 NEW!	Noce Royale	Striped	RU			RU – 19 mm	CM
R 5615	Indian Apple	Flowered plank	VV	VV-Quadra	VV		WT; CM
R 5618	Olive Tuscany	Striped plank	VV	VV*-Quadra	VV	VV – 19 mm	WT; CM
R 5619	Light Olive Tuscany	Striped plank	VV		VV		HPL
R 5634	Mahogany	Flowered	TR			TR – 19 mm	CM
R 5636 NEW!	Plum Fineline	Butcherblock	VV	VV-Quadra			WT, HPL
R 5638	Brown Plum Butcher	Butcherblock	VV	VV*-Quadra			WT, HPL
R 5639	Red Plum Butcher	Butcherblock	VV				HPL

[△] = HPL door sizes: 2,150x915/950/1,050/1,300x0.8 mm, 2,350x1,050x0.8 mm, 2,650x1,300x0.8 mm.

WOOD REPRODUCTIONS

Despite the latest print technology, there may still be differences to the colours of the originals. We would advise you to request a DIN A4 sample of your chosen decor – just to be sure!

Decor no.	Decor name	Structure	Stock programme				Product system
			HPL 4,100x1,300x 0.8 mm those marked * also available in 4,100 x1,410x 0.8 mm	Worktops 4,100x600/900/1,200 x39 mm those marked * also available in 4,100x650x39 mm with Hydrofuge core	HPL doors [△]	DP 2,655x2,100 mm those marked * also available in 3,200x2,050 mm thickness as quoted	
R 5641	Light Mirabelle	Flowered plank	VV				CM
R 5642	Dark Mirabelle	Flowered plank	VV				CM
R 5673	Macassar Ebony	Striped plank	VV		VV	VV – 19 mm	CM
R 5674	Light Malaga Cherry	Striped plank	VV				CM
R 5675	Red Malaga Cherry	Striped plank	VV		VV		CM
R 5681	Havanna Cherry	Striped plank	VV		SO	VV – 19* mm	CM
R 5690	Classic Wenge	Striped plank	TR		TR	TR – 19 mm	CM
R 5692	Striped Teak	Striped	TR				CM
R 5693	Zebrano	Striped	VV			VV – 19 mm	CM
R 5801	Light Bamboo	Striped plank	VV				CM
R 5802	Natural Bamboo	Striped plank	VV				CM
R 5803	Natural Bamboo	Butcherblock	VV	VV–Quadra			WT, HPL
R 5804	Mocha Bamboo	Butcherblock	VV*	VV*–Quadra			WT, HPL
R 5808	Loft Concrete	Flowered plank	VV*				HPL
R 5809	Artwood	Striped	VV				HPL
R 5971	Light Cherry	Striped	VV				CM
R 5978	Cashmere Maple	Flowered plank	VV				CM
R 5989	Woodmix Block	Butcherblock	VV	VV*–Quadra			WT, HPL

FANTASY AND STONE

Decor no.	Decor name	RAL	Stock programme				Product system
			HPL 4,100x1,300x 0.8 mm those marked * also available in 4,100 x1,410x 0.8 mm	Worktops 4,100x 600/900/1,200 x 39 mm those marked * also available in 4,100x 650x 39 mm with Hydrofuge core	HPL doors [△]	DP 2,655 x 2,100 mm those marked * also available in 3,200 x 2,050 mm thickness as quoted	
R 6005 NEW!	Cream Macao		CT				HPL
R 6006 NEW!	Terra Macao		CT				HPL
R 6007 NEW!	Lava Macao		CT				HPL
R 6050 NEW!	Grey Ottawa		VV				HPL
R 6051 NEW!	Pink Ottawa		VV				HPL
R 6052 NEW!	Brown Ottawa		VV				HPL
R 6205 NEW!	Castello Granite		CT	CT-Quadra			WT, HPL
R 6213	Crystal Black		TC*	TC*-Quadra			WT, HPL
R 6217	Light Brazil		HS	HS-Classic			WT, HPL
R 6245 NEW!	Travertine		PF				HPL
R 6254	Light Marble		TC	TC-Quadra			WT, HPL
R 6284	Belluno Granite		HS, TC*	HS*-Classic			WT, HPL
R 6286	White Attica Marble		TC	TC*-Quadra			WT, HPL
R 6343	Ochre Mariposa		TC*				HPL
R 6352	Mirabelle Corro		TC	TC-Quadra			WT, HPL
R 6423	Grey Limestone		TC	TC-Quadra			WT, HPL
R 6424	Black Limestone		TC	TC-Quadra			WT, HPL
R 6448	Mid grey Slate		VV	VV*-Quadra			WT, HPL
R 6455 NEW!	Light Grey Sahara		PF				HPL
R 6456 NEW!	Grey Sahara		PF	PF-Quadra			WT, HPL
R 6457 NEW!	Brown Sahara		PF	PF-Quadra			WT, HPL
R 6460 NEW!	Desert Sand		MS				HPL
R 6472	Beige Kashmir		TC	TC-Quadra			WT, HPL
R 6473	Grey Kashmir		TC	TC-Quadra			WT, HPL
R 6479	Pumice		TC	TC-Quadra			WT, HPL
R 6480	Glacial Storm		MS	MS-Quadra			WT, HPL
R 6487	Welsh Slate		PF	PF-Quadra			WT, HPL
R 6493	Soft Concrete		VV*, CT	CT*-Quadra			WT, HPL
R 6495	Trasimeno emerald		VV*				HPL
R 6496	Trasimeno shell		VV*				HPL
R 6497	Trasimeno basalt		VV*				HPL
R 6499 NEW!	Roma Marble		PF	PF-Quadra			WT, HPL
R 6510 NEW!	Light Moonstone		CT				HPL
R 6511 NEW!	Dark Moonstone		CT				HPL
R 6515 NEW!	Opal Ice		CT	CT-Quadra			WT, HPL
R 6516 NEW!	Jade Ice		CT	CT-Quadra			WT, HPL

△ = HPL door sizes: 2,150x915/950/1,050/1,300x0.8 mm, 2,350x1,050x0.8 mm, 2,650x1,300x0.8 mm.

FANTASY AND STONE

Despite the latest print technology, there may still be differences to the colours of the originals. We would advise you to request a DIN A4 sample of your chosen decor – just to be sure!

Decor no.	Decor name	RAL	Stock programme		HPL doors ^Δ	DP 2,655 x 2,100 mm those marked + also available in 3,200 x 2,050 mm thickness as quoted	Product system
			HPL 4,100 x 1,300 x 0.8 mm those marked + also available in 4,100 x 1,410 x 0.8 mm	Worktops 4,100 x 600/900/1,200 x 39 mm those marked + also available in 4,100 x 650 x 39 mm with Hydrofuge core			
F 7100 NEW!	Sand Indian Summer		FG				HPL
F 7101 NEW!	Purple Indian Summer		FG				HPL
F 7102 NEW!	Olive Indian Summer		FG				HPL
F 7103 NEW!	Grey Indian Summer		FG				HPL
F 7203	Beach		TC	TC ⁺ -Quadra			WT, HPL
F 7205	Metallic Polaris		MP				CM
F 7222 NEW!	Macchiato Esprit		VV, RU		VV	VV – 19 mm	CM
F 7223 NEW!	Black Esprit		VV, RU	VV-Quadra	VV	VV – 19 mm	WT, CM
F 7407	Star Black		TC ⁺	TC-Quadra			WT, HPL
F 7424	Grey beige Sira		TC ⁺	TC ⁺ -Quadra			WT, HPL
F 7426	Light green Sira		TC	TC-Quadra			WT, HPL
F 7431	Yellow Sira		TC ⁺	TC ⁺ -Quadra			WT, HPL
F 7462	Black Arabesque		VV			VV – 19 mm	CM
F 7463	White Arabesque		VV			VV – 19 mm	CM
F 7474	Titanic Rust		PF				HPL
F 7475	Titanic Blue		PF				HPL
F 7478 NEW!	Tempered Steel		PF	PF-Quadra			WT, HPL
F 7486	Anthracite Zeus		MP				CM
F 7487	Silver grey Zeus		MP				CM
F 7491	Bronze Zeus		MP				HPL
F 7654	Flash black		CT	CT ⁺ -Quadra			WT, HPL
F 7665	Motion mocha		VV ⁺				HPL
F 7666	Motion caramel		VV ⁺				HPL
F 7667	Motion cappuccino		VV ⁺				HPL
F 7684	Dark anthracite Fino		MP, TC ⁺	TC ⁺ -Quadra			WT, CM
F 7919	Corn		TC	TC-Quadra			WT, HPL
F 7920	Light grey Corn		TC	TC-Quadra			WT, HPL
F 7930	Apricot Playground		SM				HPL
F 7931	Cyclam Playground		SM				HPL
F 7932	Almond Playground			SM			HPL
F 7933 NEW!	Pistachio Playground			SM			HPL
F 7940	Humphrey			PF			HPL
F 7941	Marilyn			PF			HPL
F 7942	Audrey			PF			HPL
F 7943	Clark			PF			HPL
F 7945 NEW!	Aztec Gold**			HG			HPL
F 8008	Silver Alu wave**		VV – 19 mm	VV			CM
F 8010	White Alu wave**			VV			CM
F 8110	Brushed Aluminium		VV ⁺	VV ⁺ -Quadra	VV	VV – 16, 19 mm	WT, CM
F 8190	White Myriade		MS	MS-Quadra			WT, HPL
F 8192	Grey Myriade		MS	MS-Quadra			WT, HPL
F 8193	Blue Myriade		MS	MS-Quadra			WT, HPL
F 8194	Black Myriade		MS	MS-Quadra			WT, HPL
F 8330	White Orion		MS	MS ⁺ -Quadra			WT, HPL
F 8333	Blue Orion		MS	MS-Quadra			WT, HPL
F 8339	Authentic						HPL
F 8341	Chocolate Dream		MS	MS-Quadra			WT, HPL
F 8342	Tula Quartz		CT	CT-Quadra			WT, HPL
F 8343	Tula brown and white		CT	CT-Quadra			WT, HPL
F 8344 NEW!	Tula Bronze		CT				HPL

Decor no.	Decor name	RAL	Stock programme		HPL doors [△]	DP 2,655 x 2,100 mm those marked + also available in 3,200 x 2,050 mm thickness as quoted	Product system
			HPL 4,100 x 1,300 x 0.8 mm those marked + also available in 4,100 x 1,410 x 0.8 mm	Worktops 4,100 x 600/900/1,200 x 39 mm those marked + also available in 4,100 x 650 x 39 mm with Hydrofuge core			
F 8345 NEW!	Astral Quartz		CT				HPL
F 8567	Cava Beige**		HG				HPL
F 8568	Cava Rosé**		HG				HPL
F 8572	Titanium**		MP		MP		CM
F 8582	White Aluminium**	9006	MP		MP	MP – 19 mm	CM
F 8583	Alu Finesse**	9007	MP		MP	MP – 19 mm	CM
F 8595	Grey Anthracite**		MP		MP		CM
F 8810	Copper** ¹⁾		HG				CM
F 8815	Green Rainbow**		HG				HPL
F 8816	Yellow Rainbow**		HG				HPL
F 8830	Anthracite Rainbow** ¹⁾		HG		VV		CM

** = Suitable for vertical use only.

¹⁾ = These designs are available in Colour Match. The illustrated surface HG is only available in HPL.

[△] = HPL door sizes: 2,150 x 915/950/1,050/1,300 x 0.8 mm, 2,350 x 1,050 x 0.8 mm, 2,650 x 1,300 x 0.8 mm.

DUROPAL-topX

Despite the latest print technology, there may still be differences to the colours of the originals. We would advise you to request a DIN A4 sample of your chosen decor – just to be sure!

NEW!



Flannel Noble Oak
R 4231 HX

NEW!



Mocha Noble Oak
R 4232 HX

NEW!



Red Hot Sunglo
R 6000 HX

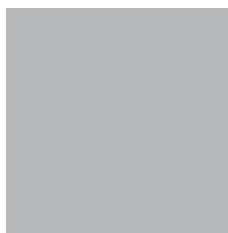
NEW!



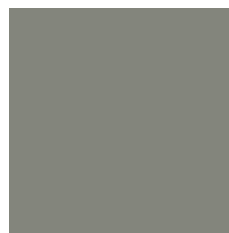
Smokey Gold
R 6001 HX



Icy White
U 1027 HX



White Aluminium
F 8582 HX



Grey Anthracite
F 8595 HX



Titanium
F 8572 HX



Cava Beige
F 8567 HX

NEW!



Antique White
R 6002 HX

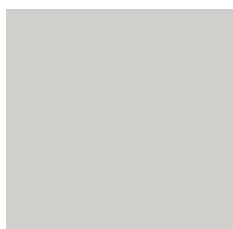
Decor no.	Decor name	NCS code (exact match)	Closest NCS code (for colour systems)	RAL	Structure	HPL 4,100x1,300x 0.8 mm	Product system
U 1027	Icy White	0407-R66B	0505-R60B			HX	CM
U 1200	Volcanic Black	8402-R90B	8502-B	9005		HX	CM
R 4231 NEW!	Flannel Noble Oak				Striped plank	HX	HPL
R 4232 NEW!	Mocha Noble Oak				Striped plank	HX	HPL
R 6000 NEW!	Red Hot Sunglo					HX	HPL
R 6001 NEW!	Smokey Gold					HX	HPL
R 6002 NEW!	Antique White					HX	HPL
F 8567	Cava Beige					HX	HPL
F 8572	Titanium					HX	CM
F 8582	White Aluminium					HX	CM
F 8595	Grey Anthracite					HX	CM

SURFACE TEXTURES / PATTERNS

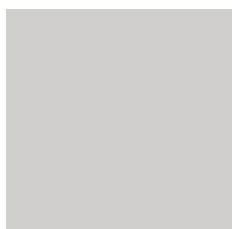
As well as the decor, it is the surface that influences the visual effect of Duropal-HPL. Duropal-HPL surfaces make decors a real visual experience. A total of 15 different surfaces are possible to satisfy all your requirements.

○ = Product and Colour Match for decorative panels (DP) and Duropal-HPL

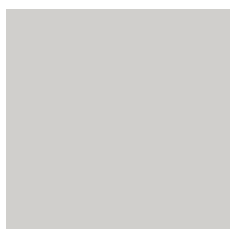
NEW!



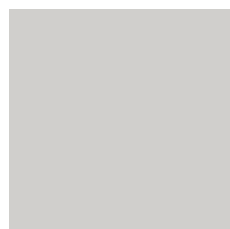
Mirror Finish topX
HX



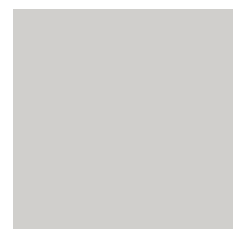
Enhanced High Gloss
HS



High Gloss
HG

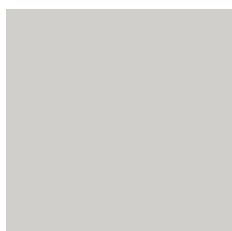


Semi Matt
SM ○

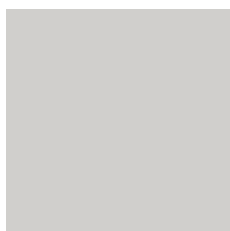


Enhanced Semi Matt
MS

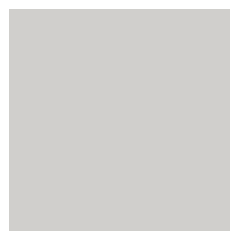
NEW!



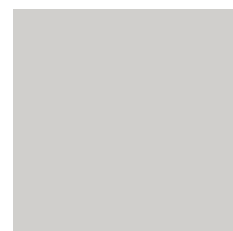
Fine Grain
FG



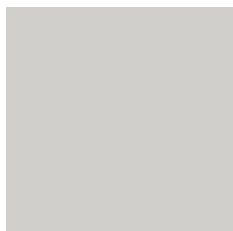
Soft
SO ○



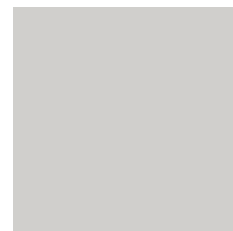
Perfect Finish
PF ○



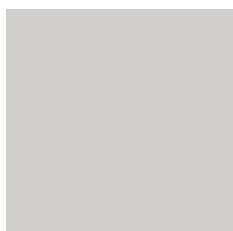
Top Velvet
WV ○



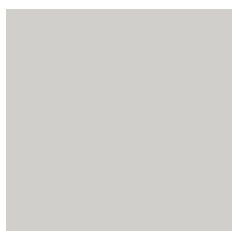
Crystal Stone
CT



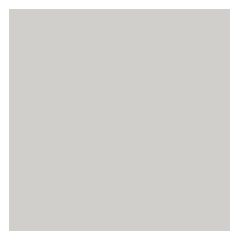
Polish
PO ○



Top Face
TC

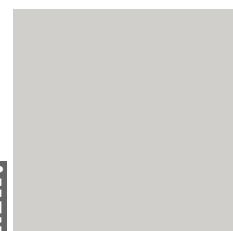


Miniperl
MP ○



Trevista
TR ○

NEW!



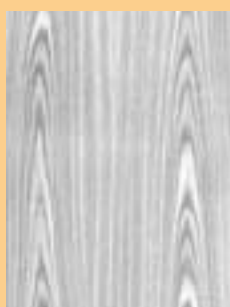
Rustica
RU ○



Striped



Striped plank



Flowered



Flowered plank



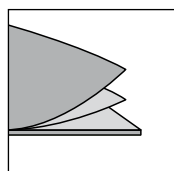
Butcherblock

Original repeat to every decor in the decor configurator at www.duropal.com

DUROPAL-HPL

Decorative Duropal high-pressure laminates (HPL) are extremely hard-wearing surfaces. They are used for furniture construction and interior design projects with high standards for quality and reliability, and are ideal for areas that need to be resistant to impact, heat and moisture. Because it is so easy to shape, Duropal-HPL is also easy to process. And with over 300 designs to choose from, there are no limits to your design options.

PRODUCT CONSTRUCTION DUROPAL-HPL



- | | |
|---------|--|
| Overlay | 1. Additional protection provided by melamine resin |
| Design | 2. Decor paper – printed and melamine resin-soaked |
| Core | 3. Core – several layers of phenolic resin-soaked soda kraft paper |

THE ADVANTAGES OF DUROPAL-HPL

- Hygienic
- Durable
- Safe for use with food
- Strong
- Colour-fast
- Heat resistant
- Can be postformed to the tight radius
- Resistant to impact, scratches and abrasion
- Light-fast
- Strong in design
- Resistant to chemicals and water vapour
- Easy to process
- Fire retardant quality available
- No electrostatic charge
- Design range with over 300 designs and 15 surface textures
- Comprehensive range of designs available in the colour match to go with decorative panels by wodego and Pfleiderer Industrie
- Easy to dispose of

APPLICATIONS

- Furniture manufacture and Interior construction
- Kitchens
- Hotels
- Shop-fitting
- Healthcare
- Ship construction
- Caravans
- Laboratories
- Vehicle and wagon construction
- Sanitary areas
- Tables
- Cupboards
- Partitions
- Wall panelling



DUROPAL-HPL

Product/Quality	Surface textures	Sizes in mm		Thickness in mm				Tolerance in mm		
		Length	Width	0.5	0.8	1.0	1.2	Length	Width	Thickness
Duropal-HPL, postformable	VV, PF, TC, MP, SM, HG ¹⁾ , SO, TR, RU	5,300	1,300	■	■	■	■	+10.00/-0	+10.00/-0	±0.05 (0.5 mm), ±0.10 (0.8 mm), ±0.15 mm (≥1.0-1.2 mm)
	VV, PF, FG, TC, MP, SM, MS, HG ¹⁾ , HS ¹⁾ , SO, PO, TR, RU	4,100	1,300	■	■	■	■	+10.00/-0	+10.00/-0	
	CT, HX ²⁾	5,300/4,100	1,300	■	■			+10.00/-0	+10.00/-0	
	VV, TC	5,300/4,100	1,410 ³⁾	■	■			+10.00/-0	+10.00/-0	
Duropal-HPL, door formats	VV, PF, FG, TC, MP, SM, HG ¹⁾ , SO, CT, TR, RU	2,150	915		■			+10.00/-0	+10.00/-0	±0.10 (0.8 mm)
		2,150	950		■			+10.00/-0	+10.00/-0	
		2,150	1,050		■			+10.00/-0	+10.00/-0	
		2,150	1,300		■			+10.00/-0	+10.00/-0	
		2,350	1,050		■			+10.00/-0	+10.00/-0	
		2,650	1,300		■			+10.00/-0	+10.00/-0	
Duropal-HPL, highly flame-resistant, postformable	VV, PF, FG, TC, MP, SM, HG ¹⁾ , SO, PO, TR, RU	4,100	1,300		■			+10.00/-0	+10.00/-0	±0.10 (0.8 mm)
Duropal-HPL IMO/US Coast Guard	VV, PF, TC, MP, SM, HG ¹⁾ , SO, TR, RU	5,300	1,300		■			+10.00/-0	+10.00/-0	±0.10 (0.8 mm)

DUROPAL-HPL-EDGING

Product/Quality	Surface textures	Sizes in mm		Thickness in mm	Tolerance in mm
		Length	Width ⁴⁾	0.6/0.8	Length
Duropal-HPL edging	VV, PF, FG, TC, MP, SM, MS, HG, HS, SO, PO, CT, TR, RU	4,100	34, 45	■	+10.00/-0

¹⁾ Limited range of decors available.

²⁾ HX surfaces in Duropal-topX quality, limited range of decors available, not possible in **microPLUS®**.

³⁾ Surface HG not available in lengths 5,300 mm and thickness 0,5 mm.

⁴⁾ Additional widths 26-65 mm on request.

Also available in
Duropal microPLUS®

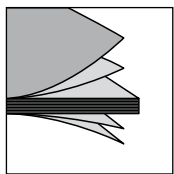
DUROPAL-HPL-SOLID

The perfect combination of uniformity, decoration and safety make Duropa-HPL-Solid the perfect material for professional interior constructions. Hygiene and durability are the primary considerations.

Ideal for postforming and of a high quality – you can bend and shape Duropa-HPL-Solid however your customer requires. Which also means individual design solutions for the highest requirements and quality standards.

The product and colour match contains numerous matching design choices using Duropa-HPL and Duropa-HPL elements.

PRODUCT CONSTRUCTION DUROPAL-HPL-SOLID



Overlay
Decor paper
Black core
Decor paper
Overlay

THE ADVANTAGES OF DUROPAL-HPL-SOLID

- Hygienic
- Durable
- Safe for use with food
- Strong
- Colour-fast
- Heat resistant
- Water resistant
- Self-supporting from a thickness of 6 mm
- Profiles like solid wood
- Postformable quality from 10 mm radius (with back-cutting)
- Design variety with over 300 designs and 4 surface textures
- Available in many designs in the product and colour match
- Also available in flame-resistant quality
- Resistant to organic solvents
- Comprehensive choice of colour combinations

APPLICATIONS

- Interior design projects
- Shop-fitting
- Hospitals
- Sanitary areas
- Ship construction
- Laboratories
- Vehicle and wagon construction
- Tables
- Cupboards
- Partitions
- Impact protection
- Wall panelling for operating theatres
- Kitchen worktops
- Office furniture
- Soffits
- Wall panelling



DUROPAL-HPL-SOLID										
Product/Quality ¹⁾	Surface textures	Sizes in mm		Thickness in mm						
		Length	Width	3.0	6.0	8.0	10.0	12.0	13.0	15.0
Duopal-HPL-Solid B2/ black core, postformable ²⁾	VV, MP, TR, TC	4,100	1,300	■	■	■	■	■	■	■
Duopal-HPL-Solid B1/ black core (highly flame- resistant to DIN 4102)	VV, MP, TR, TC	4,100	1,300		■	■	■	■	■	■

¹⁾ Limited range of decors available.

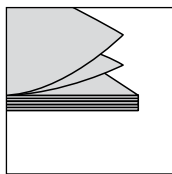
²⁾ Only postformable when the core has been routed back.

Also available in
Duopal microPLUS®

DUROPAL-SOLIDCOLOR

Seamlessly formed in new colours. Thanks to specially developed methods Duropal-HPL-SolidColor, with its homogeneous construction, has excellent good working properties. Whether used for the surface or edges, the laminate, coloured right the way through, enables universal use and opens up entirely new directions of creative freedom. Duropal-HPL-SolidColor is especially suitable for creating optically and aesthetically pleasing work pieces and elements with chamfered edges. In keeping with the current trend, Duropal focuses on muted, dark and earthy colours which allow for a subtle yet elegant look.

PRODUCT CONSTRUCTION DUROPAL-HPL-SOLIDCOLOR



Design

Core

THE ADVANTAGES OF DUROPAL-HPL-SOLIDCOLOR

- Hygienic
- Durable
- Safe for use with food
- Strong
- Colour-fast
- Heat resistant
- Resistant to impact-, scratches and abrasion
- Light-fast
- Strong in design
- Resistant to chemicals and water vapour
- Easy to process
- Fire retardant quality available
- No electrostatic charge
- Easy to dispose of

APPLICATIONS

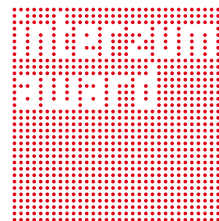
- Furniture manufacture and Interior construction
- Kitchens
- Hotels
- Shop-fitting
- Healthcare
- Ship construction
- Caravans
- Sanitary areas
- Tables
- Cupboards



DUROPAL-HPL-SOLIDCOLOR

Product/Quality	Decor	Surface textures	Size in mm		Thickness in mm					Tolerance in mm		
			Length	Width	0.5	0.6	0.8	1.0	1.2	Length	Width	Thickness
Duropal-HPL- SolidColor, not postformable	U 1026	VV, SM, HG	4,100	1,300						+10.00/- 0	+10.00/- 0	± 0.15 mm
	U 1027											(≥ 1.0-1.2 mm)
	U 1115											
	U 1184											
	U 1193								■			
	U 1200											
	U 1211											
	U 1290											
	U 1343											

Innovationspreis
Architektur und Office



**interzum award:
intelligent
material & design
2009**

Also available in
Duropal microPLUS®

DUROPAL-topX

Surface quality that is even tougher, even more scratch-proof, and even more durable than common high pressure laminates, in high-polish surface finish – that is the new topX quality from Duropal. Products in topX quality make gold decors and mother-of-pearl decors come alive, and possess a warm touch: they look and feel just like gold! On top of that, topX is perfectly suited for use in the laboratory.

THE ADVANTAGES OF DUROPAL-topX

- Hygienic
- Durable
- Safe for use with food
- Strong
- Colour-fast
- Heat resistant
- Resistant to impact-, scratches and abrasion
- Light-fast
- Strong on design, especially with mother-of-pearl decors
- Suitable for the laboratory
- Easy to process
- No electrostatic charge
- Easy to dispose of

APPLICATIONS

- Furniture manufacture and Interior construction
- Kitchens
- Hotels
- Shop-fitting
- Healthcare
- Ship construction
- Caravans
- Sanitary areas
- Tables
- Cupboards
- Partitions
- Wall panelling



DUROPAL-topX												
Product/Quality	Decor	Surface texture	Sizes in mm		Thickness in mm					Tolerance in mm		
			Length	Width	0.5	0,6	0.8	1.0	1.2	Length	Width	Thickness
Duropal-HPL-topX, not postformable	U 1027	HX ¹⁾	4,100	1,300			■			+ 10.00/- 0	+ 10.00/- 0	± 0.10 mm (0.08 mm)
	U 1200											
	R 4231 ²⁾											
	R 4232 ²⁾											
	R 6000 ²⁾											
	R 6001 ²⁾											
	R 6002 ²⁾											
	F 8567											
	F 8572											
	F 8582											
	F 8595											

¹⁾ HX surfaces in Duropal-topX quality, limited range of decors available, not possible in **microPLUS®**.

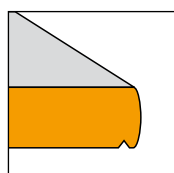
²⁾ Decor only available in topX quality.

WORKTOPS

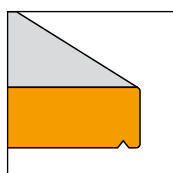
Duropol high-pressure laminate (HPL) combined with raw chipboard E1 produces high-quality Duropol postforming elements – ideal for heavy loads.

With a wide range of profile variants, Duropol worktops are ideal for any design preference, from classic to modern. Our worktops are available in four different profile variants: Classic profile, Quadra profile, water-safe profile, and with square edged profile.

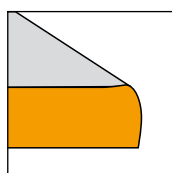
PROFILE VARIANTS DUROPAL-HPL-WORKTOPS



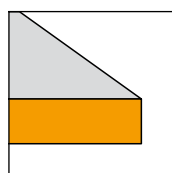
Classic profile



Quadra profile



Water-safe profile



Square edged

THE ADVANTAGES OF DUROPAL-HPL-WORKTOPS

- Safe for use with food
- Strong
- Heat resistant
- Water resistant
- Impact resistant
- High-quality sealed non-drip edge prevents water from penetrating the base units (Quadra and Classic profile)
- Profile edges rounded on one or both sides
- No electrostatic charge

ACCESSORIES

- Backpanels
- Upstands
- Connecting wall profiles with accessory sets
- HPL- and melamine edges

APPLICATIONS

- Kitchens
- Canteens
- Pubs and restaurants
- Laboratories
- Banks
- Medical practices
- Worktops
- Counters
- Workbenches
- Bars
- Furniture
- Shelving

PRODUCT CONSTRUCTION

- Top side Duropol-HPL
- Chipboard core
- Bottom side vapour-resistant layer
- PUR hot-melt seal



DUROPAL-HPL-WORKTOPS												
Product/Quality	Radius in mm	Surface textures	Sizes in mm		Thickness Span in mm ²⁾					Tolerance in mm		
			Length	Width ⁶⁾	18	28	38	49	58	Length	Width ⁷⁾	Thickness
Classic profile ⁴⁾	6.0	VV, PF, FG, TC, MP, SM, MS, HS ¹⁾ , CT, TR, RU	5,300/4,100	Rounded on one side: 600/900/1,200		■	■			± 5.00	± 0.55	± 0.40
				Rounded on both sides: 640/1,000		■	■					
Quadra profile ⁴⁾	3.0	VV, PF, FG, TC, MP, SM, MS, HS ¹⁾³⁾ , CT, TR, RU		Rounded on one side: 600/900/1,200	■	■	■	■	■			
				Rounded on both sides: 670/900				■	■			
				Rounded on one side: 640/1,000		■	■					
				Rounded on both sides: 900/1,200	■							
Water-safe profile ⁴⁾	10.5/13.0	VV, PF, FG, TC, MP, SM, MS, HS ¹⁾ , CT, TR, RU		Rounded on one side: 600/900/1,200		■	■					
Square edged ⁴⁾	–	VV, PF, FG, TC, MP, SM, MS, HS ¹⁾ , HX ⁵⁾ , CT, TR, RU		600/900/1,200	■	■	■	■	■			

¹⁾ Surface texture HS only available in length 4,100 mm.

²⁾ Chipboard core P2 with chipboard thickness 18, 28, 38, 49 and 58 mm, Hydrofuge (P3) with chipboard thickness 28 and 38 mm.

³⁾ Surfaces with chipboard core of 18 mm not possible.

⁴⁾ Limited range of decors available.

⁵⁾ HX surfaces in Duropal-topX quality, limited range of decors available, not possible in **microPLUS®**.

⁶⁾ Non-standard widths on request.

⁷⁾ Tolerance applies for width 600 mm; each further 100 mm increase in width, additional ± 0.05mm.

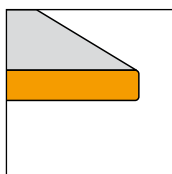
Glue: D3, according to DIN EN 204

Also available in
Duropal microPLUS®

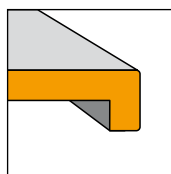
WINDOWBOARDS

Whether for new builds, interior fitting or renovations of old buildings, our high quality postformed elements made of Duropal high-pressure laminate (HPL) and a core material specially selected for the particular use are highly resistant, moisture resistant, and tailored to each requirement. Our windowboards are available in two profile variants, each with specific benefits.

PROFILE VARIANTS DUROPAL-HPL-WINDOWBOARDS



FBK



FBL 38

THE ADVANTAGES OF DUROPAL-HPL-WINDOWBOARDS

- Extremely strong
- Water resistant
- Light-fast and scratch resistant
- Profile variants for the particular application
- Easy-care and resistant to standard commercial acids and dyes

ACCESSORIES

- ABS protective cover profile FBK and FBL38 in the colours white beige and grey
- HPL edges

APPLICATIONS

- New builds
- Project interiors
- Renovations of old buildings



DUROPAL-HPL-WINDOWBOARDS

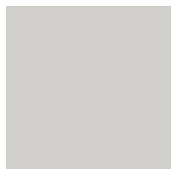
Product/Quality	Profile	Radius in mm	Surface textures	Sizes in mm							Thickn. chipb. in mm ¹⁾		Thickn. HPL in mm
				Length	Width						18	22	0.5
					160	200	250	300	400	500			
Hydro	FBK	5.0	VV, TC	4,100	■	■	■	■	■	■	■	■	■
	FBL 38	5.0	VV, TC	4,100	■	■	■	■	■	■	■	■	■

¹⁾ Chipboard core: structural moisture-resistant P3/Hydro E1. Bonding: D3, to DIN EN 204

WINDOWBOARDS — STOCK PROGRAMME



Crystal White
U 1026 W



Light Grey
U 1188 W



Light Marble
R 6254 TC



White Attica Marble
R 6286 TC

Also available in
Duropal microPLUS®

BONDED/FRONT ELEMENTS

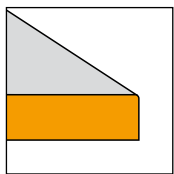
Duropol flat bonded elements: our flat bonded elements combine core materials with Duropol high-pressure laminates (HPL). If required, we will supply you with high-quality flat bonded elements in Duropol- HPL with raw chipboard E1. They are available in size 4,100x1,1300 mm. Our flat bonded elements are also available with alternative core materials on request.

New from Duropol: the flat bonded element express programme with attractive designs from the wodego

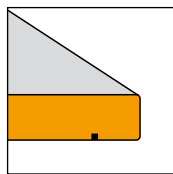
colour match or high-gloss surfaces. Your advantage: shortest delivery times!

Duropol front elements: These high quality postformed elements made of Duropol high-pressure laminate (HPL) to EN 438 and chipboard E1 are rounded on one or both sides. With an up-to-date range of profile variants, you can use our front elements in the most diverse areas: cabinet fronts, cupboard doors, shelves, tables or wall panelling in interior construction.

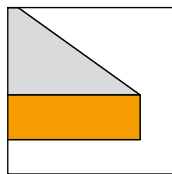
DUROPAL-HPL-FRONT ELEMENTS



LR 2025



LR 4025



Square edged

THE ADVANTAGES

- Easy to clean, extremely hygienic
- High impact- and shock-resistance
- High impact strength
- High colour-fastness
- Handles well in case of fire
- Simple to convert and adapt using wood working machines and tools
- Many colour match decors available
- Problem-free disposal

APPLICATIONS

- Interior design projects
- Cabinet fronts
- Cupboard doors
- Shelving
- Tables
- Wall panelling



FLAT BONDED ELEMENTS

Product/Quality	Surface textures	Profile	Sizes in mm		Thickness chipboard in mm ¹⁾													Thickn. HPL in mm				
			Length	Width	10	13	14	15	16	18	19	22	28	32	38	0.5	0.6	0.8	1.0	1.2		
Duropal flat bonded elements	VV, PF, FG, TC, MP, SM, MS, SO, PO, CT, TR, RU	Square edged	4,100	1,300			■		■	■						■	■					
	VV, PF, FG, TC, MP, SM, MS, HG ⁵⁾ , HS ⁵⁾ , HX ⁶⁾ , SO, PO, CT, TR, RU	Square edged	4,100	1,300	■ ²⁾³⁾⁴⁾	■	■	■	■ ²⁾	■	■ ²⁾³⁾⁴⁾	■ ²⁾	■	■	■			■	■	■		
	VV, PF, FG, TC, MP, SM, MS, HG ⁵⁾ , HX ⁶⁾ , SO, CT, TR, RU	Square edged	2,650	1,300					■	■		■			1,300			■		■		

DUROPAL FLAT BONDED ELEMENTS FAST TRACK RANGE

Product/Quality	Surface textures	Profile	Sizes in mm		Chipboard core	Thickness chipb. in mm ²⁾						Thickn. HPL in mm		
			Length	Width		10	16	18	19	22	32	0.5	0.8	1.0
Duropal flat bonded elements in fast track range	All HPL decors from the wodego colourmatch range	Square edged	4,100	1,300	P2		■	■			■		■	
					Hydrofuge (P3)	■	■		■	■			■	
					MDF	■	■		■	■			■	
	Duropal plain colours in High-Gloss texture: U1026, U1349, U1358, U1559, U1691, U1856, U1857, U1961, U1980	Square edged	4,100	1,300	P2		■	■			■			■
					Hydrofuge (P3)	■	■		■	■				■
					MDF	■	■		■	■				■

DUROPAL FRONT ELEMENTS

Product/Quality	Radius in mm	Surface textures	Sizes in mm		Thickness chipb. in mm ¹⁾				Thickn. HPL in mm			
			Length	Width	8	14	16	18	0.5	0.6	0.8	1.2
LR 2025 ⁵⁾	2.5	VV, PF, FG, TC, MP, SM, SO, PO, TR, RU	4,100	100–1,200			■	■	■			
LR 4025 ⁵⁾	2.5	VV, PF, FG, TC, MP, SM, SO, PO, TR, RU	4,100	Insert 25 mm: 130–1,200			■	■	■			
Square edged	–	VV, PF, FG, TC, MP, SM, MS, HG, HS, HX ⁶⁾ , SO, PO, CT, TR, RU	4,100	600–640	■					■		
Square edged	–	VV, PF, FG, TC, MP, SM, MS, HG, HS, HX ⁶⁾ , SO, PO, CT, TR, RU	4,100	200–1,290		■	■	■	■		■ ⁷⁾	■ ⁷⁾

¹⁾ Chipboard core P2.

²⁾ Core also in B1-Pyroex.

³⁾ Core only Hydrofuge (P3).

⁴⁾ Core only MDF.

⁵⁾ Limited range of decors available.

⁶⁾ HX surfaces in Duropal-topX quality, limited range of decors available, not possible in **microPLUS®**.

⁷⁾ Only surfaces HG/HS.

Glue: D2, according to DIN EN 204

Also available in
Duropal microPLUS®

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