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PRODUCT INFORMATION

Duropal HPL SolidColor XTreme

Duropal HPL SolidColor XTreme – the ideal symbiosis of surface and product core!

Duropal XTreme has an impressively matt, low-reflection surface. It appears particularly fine, yet is nonetheless durable and easy-care. The warm "soft" surface invites you to touch it – and remains insensitive to fingermarks and traces of grease (anti-fingerprint property). The enormous colour transparency and depth are also convincing. Duropal XTreme is the alternative to conventional matt surfaces in high traffic areas.

Duropal HPL SolidColor sets itself apart due to its jointless look achieved by the homogeneous through-dyed high-pressure laminate. This means that the product core with perfectly matched colour can be used to achieve a modern and monochrome design for the highest aesthetic, functionality and durability standards without any visible abutting edges or joints whatsoever.

Duropal HPL SolidColor XTreme – our multiple award-winning product innovation for high-quality design.



Duropal XTreme does not prevent scratches, but does enable horizontal use.

However, with dark and darker decors, mechanical actions on the surface can result in more highly contrasting visual perception. Regardless of the decor, users should therefore perform their own application-based tests before using XTreme. We recommend users carry out their own assessment for each respective intended use, regardless of the decor.

Please note that depending on the specific area of use, the spatial light conditions and the respective decor, Duropal XTreme can result in visual impairments due to low surface orientation. Such impairments do not constitute defects. To avoid possible aesthetic and visual impairments, we recommend that the orientation of the boards given on the protective film of the product always be followed - especially for large area applications.

PRODUCT PROPERTIES

Look / Feel

- Matt, low-reflection surface
- Pleasantly warm, velvety soft touch
- Homogeneously dyed high-pressure laminate – use without visible abutting edges and joints
- Improved look with enormous colour transparency and depth compared to many HPL variants

Anti-fingerprint

- Insensitive to fingermarks and traces of grease (anti-fingerprint property)
- Is clean, makes clean impression

Robustness / Durability

- Resistant, tough and durable
- XTreme fulfils all properties (abrasion / impact and scratch resistance) of EN 438:2016 for horizontal use
- Its scratch resistance exceeds that of HPLs with comparable matt surfaces.
- However, with dark and darker decors, mechanical actions on the surface can result in more highly contrasting visual perception.
- XTreme has a long life, this means less waste, more efficient use of resources and greater total energy savings.

Uses

- Suitable for horizontal and vertical applications, for surface and edge
- Interior fitout – wall covering, door
- Furniture making/ shop fitout
- Projects – trade fair, ship building

Reaction to fire

- Normally flammable

Cleaning properties

- Compared to other matt HPL surfaces, improved cleaning properties – especially grease marks (e.g. butter) can be removed effortlessly
- Resistant to standard household cleaning products
- Resistant to solvents and disinfectants
- Cleaning with microfibre cloths – both dry and moist – possible

Disposal and Recycling

- Duropal HPL SolidColor XTreme is made from paper, thermosetting resins and temperature-resistant thermoplastics. At the end of its life cycle it can be added to incineration plants approved for municipal waste or can be used for energy recovery.

Texture designation

- XM – XTreme Matt

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PRODUCT SPECIFICATIONS

Duropal HPL SolidColor XTreme			
Length [mm]		2,050 – 5,300	4,100
Width [mm]		1,300	1,300
Thickness [mm]		0.8	0.8
Décor	Texture		
U11026 (U1026) Crystal White	XM	A1	L1
U11027 (U1027) Icy White	XM		
U11525 (U1039) Office White	XM		
U12000 (U1200) Volcanic Black	XM		
U12168 (U1168) Cashmere Grey	XM		
U12188 (U1188) Light Grey	XM		
U12290 (U1290) Anthracit	XM		
U16001 (U1184) Sand Grey	XM		

A1: Production to order, production cycle 4-weekly; minimum quantity 80 m. / Item;
Quantity increment 2 / item.

L1: available ex stock

Minimum quantities for Duropal HPL SolidColor XTreme

- Minimum quantity / item: 80 m.

Protective film

- Duropal HPL SolidColor XTreme is delivered only with protective film
- Composite film with direction arrows, 2-coloured, temperature resistant up to 80°C

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Duropal HPL SolidColor XTreme in conjunction with a Type P2 wood particleboard as flat-bonded element from 2017!

Duropal Element SolidColor XTreme P2 with HPL-thickness 0.8 mm		
Length [mm]		4,100
Width [mm]		1,300
Thickness [mm]		9.6 / 16 / 17.6 / 19 / 20.6 / 23.6 / 25 / 29.6 / 39.6
Core quality		P2
Décor	Texture	
U11026 <small>(U1026)</small> Crystal White	XM	A2
U11027 <small>(U1027)</small> Icy White	XM	
U11525 <small>(U1039)</small> Office White	XM	
U12000 <small>(U1200)</small> Volcanic Black	XM	
U12168 <small>(U1168)</small> Cashmere Grey	XM	
U12188 <small>(U1188)</small> Light Grey	XM	
U12290 <small>(U1290)</small> Anthracit	XM	
U16001 <small>(U1184)</small> Sand Grey	XM	

A2: Production to order

Element lay-up

- Basic lay-up: Front (FS) = Rear (RS)
(identical decor, each with protective film)
- An asymmetrical product lay-up (e.g. VS= 0.8 mm HPL SolidColor with protective film, RS= 0.8 mm HPL with protective film) is possible from 22 mm thick particleboard, however, results in increased flatness deviation within the allowable tolerance of 2 mm/m (ISO 13894-1:2000)
- A FS ≠ RS lay-up with particleboard < 22 mm is only exclusively possible with release via SPA customers

Minimum quantities for Duropal Element SolidColor XTreme P2

- Standard minimum quantities as per the minimum quantities arrangement

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Product offer

- Duropal HPL SolidColor XTreme
- Duropal Element SolidColor XTreme P2

Sampling

- Duropal HPL SolidColor XTreme available via MLS

PEFC / FSC

- PEFC-HPL and PEFC elements possible on request
- FSC-HPL possible on request

Production location

- Arnsberg

Characteristics:

- Surface properties based on EN 438-9:2016
- Duropal HPL SolidColor is not suitable for postforming
- Please note that due to their material composition, through-dyed laminates are somewhat harder and more brittle than classic laminates with dark phenol resin core and are subject to marked warp in the event of climate fluctuations.
- Due to the through-dyed material core, slight colour differences to other products are unavoidable
- Please note the relevant technical data sheets and use and machining recommendations for Duropal HPL SolidColor and Duropal XTreme.

Further information

- Duropal HPL SolidColor / Duropal HPL SolidColor XTreme Processing and cleaning recommendation Pfleiderer

PM HPL/elements

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