

PRODUCT INFORMATION

Duropol XTreme

Duropol XTreme is an attractive surface material, appropriate for surface and edge applications providing the high-performance features of the wellknown Duropol HPL products.

Duropol XTreme doesn't prevent scratches, but allows horizontal application!

With regard to dark and darker decors, mechanical influences on the surfaces may however have the result that contrasts may be perceived more clearly. Regardless of the decor, users should make own tests relevant to the use case before using Duropol XTreme. We definitely recommend, regardless of the decor, to use self-assessment for the respective usage purpose.

Please note that depending on the field of application, the conditions of space lighting and the corresponding decor, Duropol XTreme may lead to optical impairments due to a low surface orientation. Such impairments do not constitute defects. To avoid any possible aesthetic and optical impairments, the specified orientation of the boards on the protection film of the product must strictly be followed, especially for large-surface applications.

Please also follow our processing and cleaning instructions.

PRODUCT FEATURES

Optics / haptics

- Matt, reflection-poor surface
- Comfortably warm, "velvety gentle / silky haptics
- Compared to many HPL-variants improved optics with enormous colour transparency and depth.

Anti-Finger-Print

- Insensitive to finger prints and traces of grease (anti-finger-print property)
- It is clean and makes a purer, cleaner impression.

Areas of application

For high-quality, aesthetically demanding furniture and design elements in the residential and interior design sector, such as for racking and shelving, furniture fronts, door sets and table tops, trade fair systems and sales displays

- Appropriate for horizontal and vertical applications, for surface and edge
- Interior fitting - wall covering, door
- Furniture making / shopfitting
- Projects - Exhibition, shipbuilding

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Robustness / durability

- Resistant, robust and durable
- Duropal XTreme properties (abrasion, impact and scratch resistance) fully comply with EN 438:2016 for horizontal application.
- The scratch resistance exceeds that of HPL with comparable matt surfaces.
- With regard to dark and darker decors, mechanical influences on the surfaces may however have the result that contrasts may be perceived more clearly.
- Duropal XTreme has got a long durability, this means less waste products, a more efficient use of resources and major total energy savings.

Decorative variety

- Combinable with nearly all HPL-decors of the Pfleiderer Design-collection

Cleaning properties

- Compared to other matt HPL-surfaces improved cleaning properties, especially greasy residues (for example butter) can be easily removed
- Hygienic surface
- Resistant to domestic cleaning agents
- Resistant to chemicals and solvents, disinfectants
- Cleaning with microfibre cloths – both dry and moist – possible

Disposal and recycling

- Duropal XTreme consists of paper, thermohardening resins and temperature resistant thermoplastics. At the end of a life cycle it may be used for municipal waste incinerators or for energy.

Postforming features

- Postforming with a radius of at least 10 x thickness
- Please note that Duropal XTreme already can be postformed at much lower temperatures. We recommend own tests to adjust your production line.

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RANGE – WAREHOUSE PROGRAM

length [mm]		4,100	2,350	Ostermann-Bestell-Nr. (Material: ABS); Kantendicke; Kantenbreite
width [mm]		1,300	1,300	
thickness [mm]		0.8	0.8	
Decor	Structure			
U11026 (U1026) Crystal White	XM	•	•	04M.0082. ; 1 mm ; 23, 33, 43, 100 mm
U11027 (U1027) Icy White	XM	•	•	04V.0022. ; 1 mm ; 23, 33, 43, 100 mm
U11102 (U102) Chalk	XM	•		04M.0010. ; 1 mm / 2 mm ; 23, 33, 43, 100 mm
U11509 (U1306) Magnolia	XM	•		04M.1003. ; 1 mm ; 23 mm
U12000 (U1200) Volcanic Black	XM	•	•	04M.2990. ; 1 mm / 2 mm ; 23, 33, 43, 100 mm
U12091 (U091) Sharki grey	XM		•	04M.2792. ; 1 mm ; 23, 33, 43, 100 mm
U12168 (U1168) Cashmere	XM	•		04M.2402. ; 1 mm ; 23, 33, 43, 100 mm
U12188 (U1188) Light Grey	XM	•	•	04M.2500. ; 1 mm ; 23, 33, 43, 100 mm
U12211 (U1211) Lava	XM	•		04M.2890. ; 1 mm ; 23, 33, 43, 100 mm
U12290 (U1290) Anthracite	XM	•	•	04M.2802. ; 1 mm ; 23, 33, 43, 100 mm
U15193 (U1193) Cuando	XM	•		04M.2682. ; 1 mm ; 23, 33, 43, 100 mm
U16002 (U1191) Congo	XM	•		04M.2281. ; 1 mm ; 23, 33, 43, 100 mm
U17005 (U1669) Carmine Red	XM	•		04V.4005. ; 1 mm ; 23, 33, 43, 100 mm
U17013 (U1653) Mimosa	XM	•		04V.4263. ; 1 mm ; 23 mm
U18010 (U1762) Cirrus	XM	•		04V.5122. ; 1 mm ; 23 mm
U18014 (U1766) Stratus	XM	•		04V.5488. ; 1 mm ; 23 mm
U19502 (U1878) Lime	XM	•		04V.6508. ; 1 mm ; 23 mm
U19508 (U1816) Chartreuse	XM	•		04V.6373. ; 1 mm ; 23 mm
R20021 (R4223) Lindberg Oak	XM	•		045.1236. ; 1 mm / 2 mm ; 23, 33, 43, 100 mm
R24029 (R5829) Fjord Beech light	XM	•		045.0105. ; 1 mm / 2 mm ; 23, 33, 43, 100 mm
R24053 (R5867) Talinn Beech	XM	•		046.0013. ; 2 mm ; 23, 33, 43, 100 mm

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- Duropal HPL decor collection, see Pfleiderer Complete Program 2017-2020
- Brochure XTreme Matt
- Other decors by order program on request

PRODUCT SPECIFICATION

No available decors

- Duropal HPL Design-Overlay
- Duropal HPL Real Metal, for example M80000 (Alu1), M80001 (Alu2)
- Duropal HPL Metallic, full-size mother of pearl decors, for example z. B. F70004 (F8582), F70007 (F8595), F70014 (U506)

Name of the structure

- XM – XTreme Matt

Formats

- 2,050 – 5,300 x 1,300 mm (continuous HPL-production)

Thicknesses

- 0.6 and 0.8 mm

Minimum quantities

- Minimum quantity / position: 80 running meters

Protection foil

- Duropal XTreme is only supplied with protection foil
- Protection foil with direction arrows, in two colours, temperature resistant up to 80°C

Product-offer

- Duropal XTreme
- Duropal HPL SolidColor XTreme
- Duropal flat bonded element P2
- Duropal flat bonded element SolidColor P2
- Duropal flat bonded element MDF plus
- Duropal worktop P2 / P2 green

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Shapes of elements

- In order to avoid deviations in evenness, Pfleiderer recommends the use of identical Duropol XTreme as a balancer material. You should make sure that the grain or grinding direction of the HPL match on the front and back. Both element front and back require protective-film wrapping.
- In case of a thickness of $\geq 16\text{mm}$, an asymmetric product shape with HPL-reverse material (recommendation W220 SM with protection foil) is available. Therefore, a protection foil on the front and reserve side of the element is necessary.

Minimum quantities of HPL elements

- Standard minimum quantities according to minimum quantity regulation

Sampling

- Sampling of Duropol XTreme via MLS out of the XTreme warehouse collection is available

PEFC / FSC

- PEFC-HPL as well as – Elements possible on request
- FSC-HPL possible on request

Production site

- Arnsberg

Further information

- Duropol XTreme – Technical Data Sheet
- Duropol XTreme – Brochure
- Duropol XTreme – Product information element structure
- Duropol XTreme – Processing and cleaning recommendation
- Duropol XTreme – Instructions / Tips for Use Duropol XTreme Boards / Leuco
- Duropol XTreme – Processing of Duropol XTreme Boards / Leitz

PM HPL/elements

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