

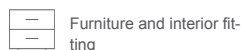
Technical data

Duropal Compact XTreme plus, black core

Compact high-pressure laminate in standard quality in accordance with EN 438-4:CGS. With uniform black-coloured core and robust lacquered surface on both sides. Duropal Compact XTreme plus is an attractive supermatt compact material with an anti-fingerprint effect, which is ideal for horizontal, heavily-used surfaces.



Applications



Furniture and interior fitting

Properties



Easy care



Anti-fingerprint



Antimicrobial



Food harmless



High scratch resistance



Low swelling / moisture resistant



High impact resistance



Particularly low emission

Certificates



Specification						Unit	Test standard
Nominal thickness	6	8	10	12	13	mm	
Tolerance on thickness	± 0.4	± 0.5	± 0.5	± 0.6	± 0.6	mm	EN 438-2
Tolerance on length			+ 10			mm	EN 438-2
Tolerance on width			+ 10			mm	EN 438-2
Surface defects			max. 1 ¹⁾ max. 10 ²⁾			mm ² /m ² mm/m ²	EN 438-2
Edge defects			max. 3			mm	EN 438-2
Straightness of edges			max. 1.5			mm/m	EN 438-2
Squareness			max. 1.5			mm/m	EN 438-2
Flatness	max. 5	max. 5	max. 3	max. 3	max. 3	mm/m	EN 438-2
Density			min. 1,350			kg/m ³	EN ISO 1183-1
Bending strength			min. 80			MPa	EN ISO 178
Flexural modulus			min. 9,000			MPa	EN ISO 178
Resistance to crazing			min. 4			rating	EN 438-2
Dimensional stability at elevated temperature (length)			max. 0.3			%	EN 438-2
Dimensional stability at elevated temperature (width)			max. 0.6			%	EN 438-2
Resistance to wet heat, 100 °C (other finishes)			min. 4			rating	EN 438-2
Resistance to dry heat, 160 °C (other finishes)			min. 4			rating	EN 438-2
Resistance to water vapour (other finishes)			min. 4			rating	EN 438-2

Technical data

Duropal Compact XTreme plus, black core

Specification						Unit	Test standard
Nominal thickness	6	8	10	12	13	mm	
Resistance to immersion in boiling water (other finishes)	min. 4					rating	EN 438-2
Resistance to immersion in boiling water (edge)	min. 3					rating	EN 438-2
Resistance to immersion in boiling water	max. 2 ^{3) 4)}					%	EN 438-2
Resistance to surface wear	min. 400					cycles	EN 438-2
Resistance to scratching (smooth finishes)	min. 5					rating	EN 438-2
Resistance to impact by large diameter ball – impression diameter	max. 10					mm	EN 438-2
Resistance to impact by large diameter ball – Fall height	min. 1,800					mm	EN 438-2
Stain resistance (groups 1 & 2)	min. 5					rating	EN 438-2
Stain resistance (group 3)	min. 5					rating	EN 438-2
Resistance to colour change (xenon arc light)	4 to 5 Grey Scale Grade						EN 438-2
Reaction to fire	normally flammable						
Reaction to fire (Euroclass)	D-s2,d0						EN 13501-1, CWFT conforming to 2003/593/EG
Formaldehyde emission class	E1 E05						EN 717-1

¹⁾ Dirt, spots and similar surface defects

²⁾ Fibres, hairs and scratches

³⁾ Mass increase

⁴⁾ Thickness increase

Additional information

Product standard	<ul style="list-style-type: none"> in accordance with EN 438-4
Areas of application	<ul style="list-style-type: none"> For unusual furniture and interior concepts in the home and contract sectors, in leisure and spa facilities, in shop design as well as in catering in which particular robustness, durability and high hygienic standards including aesthetics are required of the material. The material is suitable for open edge solutions as well as for engraving for individual 3D effects.
Core material	<ul style="list-style-type: none"> Compact laminate black Uniform black through-pigmented solid compact laminate core, impact resistant and moisture resistant for applications with high specification demands.
Product safety	<ul style="list-style-type: none"> This product follows the REACH regulation EC 1907/2006 an article. Following Article 7 it does not need to be registered. The surface is physiologically safe, and approved for direct contact with food acc. to Regulation (EU) No. 10/2011. We manufacture the panels without the use of halogens, heavy metals, preservatives, wood protectors or organic solvents.

Technical data

Duropol Compact XTreme plus, black core

Antimicrobial effect	<ul style="list-style-type: none"> Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Special	<ul style="list-style-type: none"> The smoother the structure and the the darker the decor, the more sensitive it is to stains. Due to a low orientation of the lacquered surface the field of application, the conditions of lighting and the decor may cause certain optical effects. This is a result of the production methods and does not constitute a quality defect. Depending on the decor and surface texture, slightly different surface visual impressions can result between cut panels viewed from different angles. This is a result of the production methods and does not constitute a quality defect. Especially for large applications, we recommend paying attention to the colour and texture uniformity of the boards and cut products used when further processing and installing and that the production direction is taken into account. To avoid any possible aesthetic and optical impairments, the orientation of the boards specified on the protection film of the product must strictly be followed, especially for large-surface applications. XTreme plus doesn't prevent scratches, but allows horizontal application! Due to the black core of the material, minor decorative deviations to other products cannot be avoided. For production-related reasons, there may be minor colour variations in the black material core. Decor-structure-combination front side = Decor-structure-combination reverse side Subsequent oiling (with suitable cooking oil) of the machined edge can reduce machining and wear marks. Please note that in everyday use, polishing, scratches and shiny spots may occur due to mechanical stress, which are particularly visible on darker decors. This does not represent a quality defect or a restriction of usability. Rather, it reflects the natural ageing of the surface. The product complies with all requirements of EN 438.
Note	<ul style="list-style-type: none"> With PEFC-certification. PEFC license code: PEFC/04-32-0828
Colour and surface match	<ul style="list-style-type: none"> Decor, structure and core board all influence the final appearance of the end product. Due to the product-specific differences in production technologies, even identical decor/structure/core board combinations can result in slight optical and tactile deviations across different product groups and formats. Such deviations do not constitute a defect. The choice of surface structure in particular has a significant influence on the visual impression, the tactile perception as well as the technical characteristics of the product. Thus, the overall impression of a decor can change almost completely depending on the surface structure. Furthermore, mechanical influences on the product surface can lead to a higher contrast optical perception with dark decors. To ensure that you always achieve the best results with our products and to clarify any deviations in advance, we will be happy to advise you individually.

Further information on products, formats and decor/structure combinations is available at www.pfleiderer.com

© Copyright 2024 Pfleiderer Deutschland GmbH

This information is issued with great care. We do not however accept any responsibility for the accuracy, completeness and timeliness. There may be slight colour differences between the printed brochure image and the actual design.

Due to the continuous development and modification of our products, possible changes to the relevant standards, laws and regulations, our technical data sheets and product documents expressly do not represent a legally binding guarantee of the properties specified therein. In particular, no suitability for a specific purpose can be derived from this information. It is therefore the personal responsibility of the individual user to check the processing and suitability of the products described in this document for the intended use and to take into account the legal framework and the current state of the art. Furthermore, we expressly refer to the validity of our general terms and conditions.

You can find our general terms and conditions on our webpage: www.pfleiderer.com