

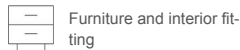
Technical data

Duropal Worktop Cubix P2

Worktop consisting of a particleboard type P2 to EN 312, decor side bonded with robust Duropal XTreme with an electron beam cured surface in accordance with EN 438, underside with water-repellent backing. The postforming front edge of the Cubix worktop has a radius of 2 mm, the rear edge is sealed with a protective edge. It is also available as a variant with both sides profiled. Duropal XTreme is an attractive supermatt surface material with an anti-fingerprint effect.



Applications



Furniture and interior fitting

Properties



Variety of decors and / or textures



Easy care



Anti-fingerprint



Food harmless



Particularly low emission

Certificates



Specification				Unit	Test standard
Nominal thickness	38	38	38	mm	
Width	600	900	1,200	mm	
Tolerance on thickness				mm	ISO 13894-1
Tolerance on length				mm	ISO 13894-1
Surface defects – HPL				mm ² /m ² mm/m ²	EN 438-2
Straightness of edges				mm/m	ISO 13894-1
Squareness				mm/m	ISO 13894-1
Flatness (length)				mm/m	ISO 13894-1
Flatness (width)	≤ 0.9	≤ 1.6	≤ 2	mm mm/m	ISO 13894-1
Resistance to wet heat, 100 °C (other finishes) – HPL				min. 4	rating EN 438-2
Resistance to dry heat, 160 °C (other finishes) – HPL				min. 4	rating EN 438-2
Resistance to water vapour (other finishes) – HPL				min. 4	rating EN 438-2
Resistance to surface wear – HPL				min. 150	cycles EN 438-2
Resistance to scratching (smooth finishes) – HPL				min. 3	rating EN 438-2
Resistance to impact (small diameter ball)				min. 15 ³⁾	N ISO 13894-1
Stain resistance (groups 1 & 2) – HPL				min. 5	rating EN 438-2

Technical data

Duropal Worktop Cubix P2

Specification				Unit	Test standard
Nominal thickness	38	38	38	mm	
Width	600	900	1,200	mm	
Stain resistance (group 3) – HPL	min. 4			rating	EN 438-2
Resistance to colour change (xenon arc light) – HPL	4 to 5 Grey Scale Grade				EN 438-2
Reaction to fire (Euroclass)	not classified				
Formaldehyde emission class	E1 E05 CARB Phase 2 / TSCA Title VI				EN 717-1
Mean density	580 - 540 ⁴⁾			kg/m ³	EN 323
Raw core materials	8,5 ⁴⁾			N/mm ²	EN 310
Modulus of elasticity (bending stiffness)	1,200 ⁴⁾			N/mm ²	EN 310
Internal bond	0.2 ⁴⁾			N/mm ²	EN 319
Surface soundness	0.8 ⁴⁾			N/mm ²	EN 311
Durability – Water resistance	≤ 15			%	ISO 13894-1
Resistance to fixings (face)	≥ 1,500			N	ISO 13894-1
Resistance to fixings (edge)	≥ 500			N	ISO 13894-1
Bonding strength	≥ 0.6			N/mm ²	ISO 13894-1
Flexural tensile strength	≥ 0.6			N/mm ²	ISO 13894-1
Durability – Glue-line quality	≥ 3			rating	ISO 13894-1
Durability – Resistance to elevated temperature	no effect				ISO 13894-1

¹⁾ Dirt, spots and similar surface defects

²⁾ Fibres, hairs and scratches

³⁾ No surface damage according to the standard; optical change of the surface (>10 N) possible

⁴⁾ Core material

Additional information

Product standard	<ul style="list-style-type: none"> EN 13894-1
Areas of application	<ul style="list-style-type: none"> Duropal worktops can be used wherever very high demands are made on surface resistance and durability. Thanks to their hygienic advantages, the classic areas of application are in modern kitchens and bathrooms, canteens and restaurants, as well as doctors' surgeries, in laboratories and shop fitting, but also for industrial and commercial workplaces.
Core material	<ul style="list-style-type: none"> ClassicBoard P2 CARB2 Low emission particleboard core, type P2 in accordance with EN 312, suitable for non load-bearing purposes in dry areas.

Technical data

Duropal Worktop Cubix P2

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.
Special	<ul style="list-style-type: none"> You can find comprehensive accessories for our worktop range at www.pfleiderer.com.
Note	<ul style="list-style-type: none"> FSC certification or PEFC certification available on request. FSC license code: FSC® C011773 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 2023 Pfleiderer Deutschland GmbH

This information has been compiled with the greatest care. Nevertheless we can assume no liability for the correctness, completeness and up-to-dateness of this information. Colour deviations caused by the printing technology are possible. In view of the ongoing further development and adaptation of our products, possible amendments to the relevant standards, laws and regulations, our technical data sheets and product documentation expressly do not constitute a legally binding assurance of the properties described there. In particular no guarantee of suitability for a concrete application can be derived. It is therefore the personal responsibility of the individual user in all cases to check the processing and suitability of the products described in this document for the intended application in advance, and to take into consideration the legal framework and the respective state-of-the-art. We furthermore expressly draw attention to the applicability of our General Terms and Conditions.

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