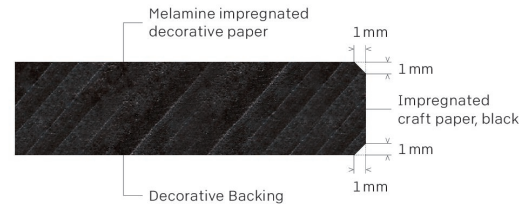


Technical data

Duropal Compact Worktop, black core

Compact high pressure laminate with single or double-sided machined longitudinal edge in standard quality according to EN 438-4:CGS for use as a worktop. With uniform black-coloured core, single-sided decorative melamine resin surface and decorative backing.

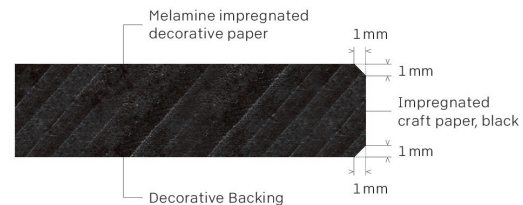


Specification			Unit	Standard
Nominal thickness	12	12	mm	
Length	4,100	4,100	mm	
Width	640	950	mm	
Design front edge		chamfered		
Design rear edge	milled		chamfered	
Tolerance on thickness		± 0.6	mm	EN 438-2:2016
Tolerance on length		+ 10	mm	EN 438-2:2016
Tolerance on width	± 0.6		mm	EN 13894-1
tolerance on edge processing		± 0.2	mm	
Surface defects (Product top side / usable Surface)		max. 1 ¹⁾ max. 10 ²⁾	mm ² /m ² mm/m ²	EN 438-4:2016
Surface defects (Texture CM, GR, RC)	Please note that both handling and also general use of the material can lead to a polishing effect in the surface structure, something which is most apparent.			
Edge defects (Head edge)		max. 3	mm	EN 438-4:2016
Straightness of edges		± 0.5	mm/m	EN 13894-1
Squareness		max. 2	mm/m	EN 13894-1
Flatness		max. 3	mm/m	EN 438-2:2016
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 438-2:2016
Dimensional stability at elevated temperature (length)		max. 0.3	%	EN 438-2:2016
Dimensional stability at elevated temperature (width)		max. 0.6	%	EN 438-2:2016
Resistance to wet heat, 100 °C (smooth finishes)		min. 3	rating	EN 438-2:2016
Resistance to wet heat, 100 °C (textured finishes)		min. 4	rating	EN 438-2:2016
Resistance to dry heat, 160 °C (smooth finishes)		min. 3	rating	EN 438-2:2016
Resistance to dry heat, 160 °C (textured finishes)		min. 4	rating	EN 438-2:2016
Resistance to water vapour (smooth finishes)		min. 3	rating	EN 438-2:2016
Resistance to water vapour (textured finishes)		min. 4	rating	EN 438-2:2016
Resistance to immersion in boiling water (smooth finishes)		min. 3	rating	EN 438-2:2016
Resistance to immersion in boiling water (textured finishes)		min. 4	rating	EN 438-2:2016
Resistance to immersion in boiling water (edge)		min. 3	rating	EN 438-2:2016

Technical data

Duropal Compact Worktop, black core

Compact high pressure laminate with single or double-sided machined longitudinal edge in standard quality according to EN 438-4:CGS for use as a worktop. With uniform black-coloured core, single-sided decorative melamine resin surface and decorative backing.



Specification			Unit	Standard
Nominal thickness	12	12	mm	
Length	4,100	4,100	mm	
Width	640	950	mm	
Resistance to immersion in boiling water	min. 2 ^{3) 4)}		%	EN 438-2:2016
Resistance to surface wear	min. 150		cycles	EN 438-2:2016
Resistance to scratching (smooth finishes)	min. 2		rating	EN 438-2:2016
Resistance to scratching (textured finishes)	min. 3		rating	EN 438-2:2016
Resistance to impact by large diameter ball – impression diameter	max. 10		mm	EN 438-2:2016
Resistance to impact by large diameter ball - Fall height	min. 1,800		mm	EN 438-2:2016
Stain resistance (groups 1 & 2)	min. 5		rating	EN 438-2:2016
Stain resistance (group 3)	min. 4		rating	EN 438-2:2016
Resistance to colour change (xenon arc light)	4 to 5 Grey Scale Grade			EN 438-2:2016
Reaction to fire	normally flammable			
Reaction to fire (Euroclass)	D-s2,d0			EN 13501-1, CWFT acc. to 2003/593/EG
Formaldehyde emission class	E1			

1) Dirt, spots and similar surface defects

2) Fibres, hairs and scratches

3) Mass increase

4) Thickness increase

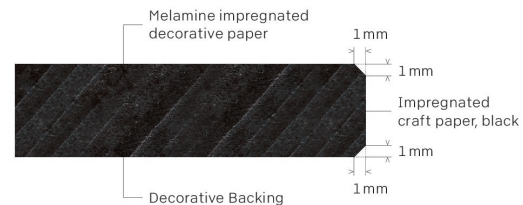
Additional information

Product standard	<ul style="list-style-type: none"> EN 438-4
Areas of application	<ul style="list-style-type: none"> In all private and public interior application areas in which robustness, long durability, and high hygienic demands are placed on the Duropal Compact Worktop, such as in hotels and restaurants, shops, sanitary areas, schools, sports facilities and swimming pools.
Core material	<ul style="list-style-type: none"> Compact laminate black Solid, black pigmented compact laminate core, impact resistant and moisture resistant for applications with high specification demands.

Technical data

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Product safety	<ul style="list-style-type: none"> The decorative surface and the core consists of paper layers that are impregnated with thermosetting resins. The resins harden completely during the manufacturing process by heat and high pressure. They form a stable, resistant and non-reactive material. The surface is physiologically safe, and approved for direct contact with food acc. to Regulation (EU) No. 10/2011. This product follows the REACH regulation EC 1907/2006 an article. Following Article 7 it does not need to be registered.
Packaging	<ul style="list-style-type: none"> Duropal Compact Worktops are delivered exclusively in individual cardboard packaging. The top / usable surface of the product is labelled in the factory. Packaged on pallets (colli).
Special	<ul style="list-style-type: none"> 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. 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. The material must not be exposed to heat influences by light- or heat radiation which will increase the surface temperature to more than 50°C. Due to the processing (chamfer, grind and saw) slight colour variations of the coloured material core may occur. Please note that polishing, scratches and shine marks can occur in everyday use. This is caused by the product and does not represent a quality defect. Traces of use can be minimized by subsequent oiling of the edge. Further information can be found in our processing recommendation "Duropal Compact Worktop". The uneven edge appearance is due to the structure depth of the texture Solid Granite caused by the product and does not represent a quality defect. With PEFC-certification (license code: PEFC/04-32-0828). Certificate Blue Angel - Ecolabel (RAL DE-UZ 76) The coarser the structure and the lighter the decor, the greater the scratch resistance. The smoother the structure and the the darker the decor, the more sensitive it is to stains. Duropal Compact Worktop, black core is not supplied with protective foil. With dark decors, mechanical impacts on the surface may result in a more high contrast visual appearance. Decor-structure-combination front side = Decor-structure-combination reverse side 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.

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