

Article number: 14451

Technical Data Sheet

PRODUCT DESCRIPTION:

High density multi purpose board for non-load-bearing applications, with melamine coating. Characterized by attractive and aesthetic design, durability and functionality in use. They are resistant to impact, abrasion, scratching and staining. Have good dimensional stability, resistance to water, steam, do not corrode.

Boards have good hygiene and chemical resistant, easy to clean and keep clean.

Available in dimensions: thickness 6 mm,
length 2800 mm,
width 1250 mm

APPLICATION:

- Suitable for application in interior design which are subject to moisture exposure
- Krono MPB is ideal for the construction of:
 - sideboards,
 - wall combinations,
 - open shelves, office and school furniture
 - shopfitting

STORAGE:

The boards should be stored in a dry and covered stock conditions at temperatures 15 - 25 ° C, relative humidity of 50%, avoiding direct exposure to UV radiation, minimum distance 1.5 m away from sources of heat (radiators). Sheets stored in its original manufacturer's packaging, on pallets. In case when the boards are protected by plastic film the covering shall be removed immediately after installation.

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PROPERTIES:

Parameter	Unit	Standard	Value
Thickness	mm	EN 438-2.5	6,0 ± 0,5
Resistance to surface abrasion	IP (rpm)	EN 438-2.10	Min. 150
Resistance to impact with large diameter ball	Drop height, [mm]	EN 438-2.21	Min. 1800
	Dent diameter, [mm]		4
Scratch resistance	Appearance, grade	EN 438-2.25	Min. 3
Light fastness (Xenon-arc)	Grey scale rating	EN 438-2.27	Min. 4
Resistance to immersion in boiling water	Mass gain [%]	EN 438-2.12	Max. 3
Resistance to staining	Group 1 i 2, grade	EN 438-2.26	5
	Group 3, grade		Min. 4
Resistance to water vapour	Appearance, grade	EN 438-2.14	Min. 4
Resistance to cigarette burns	Appearance, grade	EN 438-2.30	Min. 4
Density	[g/cm ³]	EN ISO 1183-1:2004	Min. 1,35
Dry heat resistance	Appearance, grade	EN 438-2.16	Min. 3
Brinell hardness	N/mm ²	EN ISO 6506-1:2014-12	17
Resistance to crazing	Appearance, grade	EN 438-2.24	Min. 4
Elasticity modulus along/across	MPa	EN ISO 178:2003	8800/8000
Bending strength along/across	N/mm ²	EN ISO 178:2003	75/65
Tensile strength along/across	N/mm ²	EN ISO 527-2:1996	50/45
Flammability	Class	EN 13501-1	Min. D-s1, d0

Note: This Product Data Sheet has been prepared based on standard EN 438 and reflects the current state of knowledge and experience. The information contained herein are indicative and may vary depending on the storage and use condition.