

Article number: **EGS - 14451**

Technical Data Sheet

PRODUCT DESCRIPTION:

Kronospan MPB is a high density plate for non-load bearing applications. The MPB board belongs to the group of compact boards HPL according to EN 438 part. 6, fire classification EGS.

Kronospan MPB is both side covered with a decorative melamine layer, characterized by aesthetics combined with exceptional resistance and functionality. The board is characterized by tolerance to impact and high resistance to scratches and abrasions. In addition, it is characterized by good dimensional stability. The plates are hygienic, easy to clean and do not absorb dirt. Melamine surface does not contain additional UV filters.

Available dimensions: thickness 6 mm

length 2800 mm

width 1250 mm

APPLICATION:

- Construction board for indoor and outdoor usage
 - Typical areas of use:
 - Shop furnishings
 - Soffits
 - DIY applications outside and inside
 - Interior wall coverings, dividing walls, bookcases, school and office furniture
 - Swimming pool furniture
 - Approved for use in humid areas, providing the rules for proper installation are applied
 - Adequate joints and ventilation slots must be observed. The fixation should include fixed and variable points.
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STORAGE:

MPB Boards should be stored in a dry and roofed placing, at temperatures of 15-25°C, relative humidity of 50%, min. 1,5m distance to source of heat. Keeping in humid conditions with water on the surface might lead to bending MPB boards what should be avoided.

It is recommended to store in the original Kronospan packaging, on pallets. In the case of foiled boards, the foil should be removed immediately after assembly.

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PROPERTIES:

Parameter	Unit	Standard	
Thickness	mm	EN 438-2.5	6,0 ± 0,4
Length and width	mm	EN 438-2.6	+10/-0
Edges straightness	mm/m	EN 438-2.7	≤1,5
Edges squareness	mm/m	EN 438-2.8	≤1,5
Flatness	mm/m	EN 438-2.9	≤5,0
Resistance to surface wear	IP (rpm)	EN 438-2.10	≥150
Resistance to immersion in boiling water	Mass increase [%]	EN 438-2.12	≤2
	Thickness increase [%]		≤2
	Appearance, surface rating		≥4
	Appearance, edge rating		≥3
Resistance to boiling water vapor	Appearance, grade	EN 438-2.14	≥4
Resistance to wet conditions	Mass increase [%]	EN 438-2.15	≤5
	Appearance, surface rating		≥4
	Appearance, edge rating		≥3
Resistance to dry heat (160°C)	Appearance, grade	EN 438-2.16	≥4
Dimensional stability at elevated temperature along/across	% (max.)	EN 438-2.17	0,3/0,6
Resistance to wet heat (100°C)	Appearance, grade	EN 438-2.18	≥4
Resistance to impact by large diameter ball	Drop height [mm]	EN 438-2.21	1800
Resistance to crazing	Appearance, grade	EN 438-2.24	≥4
Resistance to scratching	Force, grade	EN 438-2.25	≥2
Resistance to staining	Group 1 i 2, grade	EN 438-2.26	≥ 5
	Group 3, grade		≥ 4
Light fastness (Xenon arc)	Grey scale rating	EN 438-2.27	4-5
Flexural modulus	MPa	EN ISO 178	>9000
Flexural strength	MPa	EN ISO 178	>80
Density	g/cm ³	EN ISO 1183-1	≥1,35
Resistance to climatic shock	Appearance	EN 438-2.19	≥4
Resistance to artificial weathering, including UV (1500h)	Contrast, appearance, grey scale rating	EN 438-2.29	≥3
			≥4
Resistance to cigarette burns	Appearance, grade	EN 438-2.30 (2005)	≥4
Flammability	Classification	EN 13501-1	Min. D-s1, d0

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CERTIFICATES:

ETB	Test certificate	PT-17-06-06-01
FSC	FSC 90%	SGCH-COC-009540
CE	CE4	Manufacturer's declaration
Hygiene	Attestation	400/322/407/2017

Additional information:

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