

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. Boards core have black color. Melamine surface of available, listed decors is protected from top side with UV protective lacquer: 0164 BS, 0171 BS, 0190 BS.

Available dimensions:

- thickness: 6 [mm]
- size: 2800 x 1300 [mm], 3050 x 1300 [mm].

APPLICATION:

Construction board for indoor and outdoor usage. Adequate joints and ventilation slots must be observed. The fixation should include fixed and variable points.

Typical areas of use:

- Shop fitting
- Fences, car ports, garden furniture, stormboards, under roofing
- 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

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 horizontal position. In the case of foiled boards, the foil should be removed immediately before 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
Dimensional stability at elevated temperature along/across	% (max.)	EN 438-2.17	0,3/0,6
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
Flammability	Classification	EN 13501-1	Min. D-s1, d0

Additional information:

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Prepared by: A. Bachórz

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Checked/Approved by: R. Lech

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Approved: D. Śliwinski

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