

1. Description

Valboard

Valboard is an MDF panel manufactured by Valbopan and coloured in the mass.

It is manufactured from pine wood fibres, bonded with synthetic resins, through the action of heat and pressure with the addition of organic dyes that give it colour throughout the mass. The final product is a homogeneous panel, easy to cut, uniform density, smooth and uniform surfaces, low formaldehyde emission (Class E1), for use in a dry environment.

It is manufactured in thicknesses of 8 and 19 mm, in grey and black colours. The Valboard panel, due to the use of organic dyes and the variation in the natural colour of the wood, presents differences in shade. This variation can be observed on the same face, between faces of the same panel and between different productions.

2. Dimensions

3660x2440, 3660x1220, 2440x1830 e 2440x1220 [mm]

3. Thickness

8 e 19 [mm]

4. Thickness and dimensional tolerance

Thickness tolerance	mm	±0,2	EN 324-1
Dimensional tolerance	mm/m	± 2 mm/m Max. 5 mm	EN 324-1

5. Applications

Furniture, decorative panels, doors, stands, etc.

6. Certifications

Valbopan, SA has a Certificate of Responsibility Certification, in compliance with PEFC and FSC standards.

Valbopan can supply Valboard panels with these certifications, upon request.

7. Properties

Characteristic	Unit	8 mm	19 mm	Standard
Density	Kg/m ³	800	750	EN 323
Fire Reaction		F-s2, d0	D-s2, d0	EN 13501
Flexural Strength	N/mm ²	23	18	EN 310
Flexural Modulus	N/mm ²	2700	2100	EN 310
Internal Bond	N/mm ²	0,65	0,55	EN 319
Swelling 24 h	%	17	12	EN 317

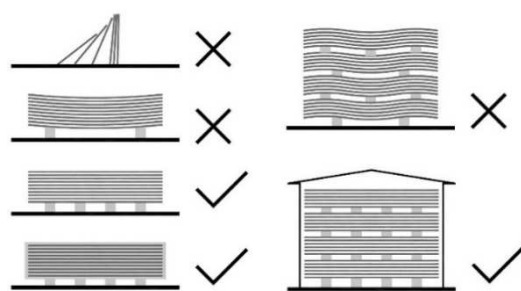
8. Benefits

Free from knots and chips, no directional pattern on the surface, flat and dense surfaces, good dimensional stability, good mechanical resistance, easy to finish.

9. Finishing

The Valboard panel is supplied without finishing. For final use it is recommended to finish the surfaces and tops using varnish, wax or oil.

10. Storage



Valboard panels should be stored in a covered area, protected from sunlight and rain, with a flat and horizontal base. Pallets should be placed on supports with sufficient height for easy forklift access. The maximum distance between supports should not exceed 800 mm.

If the pallets are piled on top of each other, all the support bases must be aligned to prevent deformations.