

Back up board MDM



Description

Alltech MDM is a birch & oak free, sanded, medium density Back Up Board, that is made for the use of drilling low layer count multilayer and small via's. It reduces exit burrs, especially for via's below 0.5 mm due to the melamine coating. The main difference in production is the pressing process. The use of special resins and binders, as well as coating in a continuous process at low pressure and reduced temperature reduces internal stress, being beneficial to flatness. Alltech MDM offers very good drill properties, an excellent price/performance ratio and meets nowadays technical and economic requirements.

Technical Data

Physical Property	Reported Units	Typical Values
Thickness	mm	2.5 ± 0.15
Size Tolerance	mm	± 2.0
Squareness	mm/m	≤ 2.0
Straightness	mm/m	≤ 2.0
Warpage	mm/m	≤ 5.0
Density	kg/m ³	860± 15
Surface Hardness	HD	75 ± 5
Surface	Color	white, matte
Internal Bond	MPa	≥1.8
Modulus of Elasticity	%	≥4000
Moisture Content	%	4~8



Surface

Alltech MDM is available in white, matte.

Form of Delivery / Tooling

Alltech MDM is available in sheets, panels, tooled or un-tooled according to customer demand.

Quality

CCI and supplier are certified according to ISO:9001.

Storage

Storage should be in unopened original packaging. Storage conditions should be stable respecting to air moisture and temperature at production area. Opened packages must not be exposed to air condition, open doors or fresh air.

Environment / Disposal

Alltech MDM is FSC compliant, hazard-free and non-toxic. Disposal of wastes can take place by consumer according to local environmental and disposal regulations.

General Safety Information

Only use the product for applications described in the product data sheet, the product is intended for industrial use only, the product is not suitable for food industry, the product must not be eaten.