



MEDITE LITE MDF is a multi-purpose, cost-effective board designed for use in internal applications. Benefits include easier handling, lower transport costs and reduced tool wear. This general-purpose MDF is suitable for most on site applications, for more demanding applications choose MEDITE PREMIER. MEDITE LITE enhances the extensive range of high performance products.

APPLICATIONS

The range of product applications for MEDITE LITE MDF includes joinery components, interior furniture fittings, exhibition stands and event furniture.

PERFORMANCE

MEDITE LITE is suitable for use in internal dry conditions as defined in EN622 parts 1 and 5 and conforms to EN13986. Boards of this type are suitable for use in Hazard Class 1 of EN 335-3.

APPEARANCE

MEDITE LITE retains the light tan colour of the wood fibre from which it is manufactured.

CONDITIONING

The moisture content of MEDITE LITE is in the range of 5-9% at the time of manufacture. Changes in dimensions of wood and wood-based sheet materials occur due to changes in relative humidity. For this reason, MEDITE LITE panels should be conditioned to the final environment for two to three days before cutting and fixing.

MACHINING/FINISHING

Cut or profiled edges of MEDITE LITE should first be sanded with 150-240 grit, prior to painting. The recommended coating system for the edges is to seal, prime and topcoat with de-nibbing between coats to produce a smooth finish. The desired finish on the face can be achieved by application of a base-coat and top-coat. If water-based coatings are used, it is important that forced drying or quick-drying systems be applied in order to maintain the surface quality.

MEDITE[®]

LITE

FIRE RATING

MEDITE LITE is expected to achieve a fire class rating of Euroclass D within the European classification EN 13501.

AUTHORITY

MEDITE LITE is manufactured under an NSAI registered I.S. EN ISO 9001 quality management system.

SUPPLY

MEDITE LITE is produced in the following sizes:

1220 x 2440mm in thicknesses 12, 15, 18 and 25mm.

1220 x 3050mm in thickness 18mm.

Other sizes and thicknesses available on request subject to minimum order quantities.

SERVICE

For further information and/or technical advice regarding processing and painting/finishing of MEDITE LITE, please contact MEDITE Technical Support Personnel:

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All MEDITE MDF products supplied for use in the construction and civil engineering industries are CE marked according to the requirements of the harmonised European standard for wood based panels EN 13986. This provides the necessary assurance to customers and users that MEDITE conforms with the European MDF standard, EN 622-5 and meets all the essential requirements for the Construction Products Regulation (supercedes Construction Products Directive) that are relevant to the product.

In accordance with the provisions of Third Party Certification required within the Final Regulations Order of the Airborne Toxic Control Measure (ATCM) by the California Air resources Board (CARB) all MEDITE MDF products are CARB Phase 2 Compliant. The approved Third Part Certifier (TPC) Entwicklungs-und Prüflabor Holztechnologie GmbH (EPH-TPC No W-08-010) is contracted to MEDITE to perform the quarterly assessment of the factory production control and to have stipulated formaldehyde tests carried out by the accredited EPH test laboratory.

MEDITE LITE MDF TECHNICAL SPECIFICATION SHEET

PROPERTY	RANGE	TEST METHOD	UNITS	12.0mm	>12.0 - 19.0mm	>19.0 - 25.0mm
Internal Bond	Min	EN 319	N/mm ²	0.45	0.45	0.45
Modulus of Rupture	Min	EN 310	N/mm ²	20.0	18.0	15.0
Modulus of Elasticity	Min	EN 310	N/mm ²	2,000	1,800	1,500
Moisture Content	Min-Max	EN 322	%	5.0-9.0	5.0-9.0	5.0-9.0
Thickness Tolerance		EN 324-1	mm	+/-0.15	+/-0.15	+/-0.15
Thickness Swelling (24hrs)	Max	EN 317	%	15.0	12.0	10.0

The results as listed above are based on the minimum specification requirements for all MEDITE LITE MDF manufactured by MEDITE EUROPE DAC Ltd. All board parameters are in compliance with EN 622 parts 1 & 5. As part of the MEDITE EUROPE DAC ongoing product development programme, the right to modify these product specifications without notice is reserved. MEDITE LITE conforms to E1 formaldehyde levels as well as also complying with the lower levels required by CARB phase 2

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responsible forestry
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