

## Medite Trade

Medite Trade 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 Trade enhances the extensive range of high performance products.

**Applications:** The range of product applications for Medite Trade MDF includes joinery components, interior furniture fittings, exhibition stands and event furniture.

**Performance:** Medite Trade 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 Trade retains the light tan colour of the wood fibre from which it is manufactured.



*Medite Trade is ideal for domestic shelving.*



*Medite Trade can be used for lightweight shelving and storage units.*

**Conditioning:** The moisture content of Medite Trade is in the range of 7%+/-2% 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 Trade 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 Trade 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 Trade can be used for constructing kitchen units.

**Fire Rating:** Medite Trade is expected to achieve a fire class rating of Euro Class D within the European classification EN 13501.

**Authority:** Medite Trade is manufactured under an NSAI registered I.S. EN ISO 9001:2008 quality management system.

**Supply:** Medite Trade is produced in the following sizes:  
1220 x 2440 x 12mm, 15mm, 18mm and 25mm  
1220 x 3050 x 18mm.

**Service:** For further information and/or technical advice regarding processing and painting/finishing of Medite Trade, please contact Medite Technical Support Personnel through any of our European offices:

+44 (0) 1322 424900

+31 (0) 475 399740

+353 (0) 51 832700

or visit [www.medite-europe.com](http://www.medite-europe.com)

All Medite MDF products supplied for use in the construction and civil engineering industries are CE marked according to the requirements of the harmonized 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 Trade MDF Technical Specification Sheet**

Thickness (mm)

| PROPERTY                | RANGE   | TEST METHOD | UNITS             | 12.0    | >12.0 - 19.0 | >19.0 -25.0 |
|-------------------------|---------|-------------|-------------------|---------|--------------|-------------|
| Internal Bond           | Min     | EN 319      | N/mm <sup>2</sup> | 0.45    | 0.45         | 0.45        |
| Modulus of Rupture      | Min     | EN 310      | N/mm <sup>2</sup> | 20.0    | 18.0         | 15.0        |
| Modulus of Elasticity   | Min     | EN 310      | N/mm <sup>2</sup> | 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 Swell (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 Trade MDF manufactured by Medite Europe Ltd. All board parameters are in compliance with EN 622 parts 1 & 5. As part of the Medite Europe ongoing product development programme, the right to modify these product specifications without notice is reserved. Medite Trade conforms to E1 formaldehyde levels as well as also complying with the lower levels required by CARB phase 2