

novolite™

Medium Density Fibreboard

Thin Medium Density Fibreboard suitable for interior applications

DESCRIPTION

Novolite™ is standard Thin Medium Density Fibreboard substrate available in either an unsurfaced or surfaced option.

Novolite™ has a fine homogeneous surface suitable for any coated application.

PROPERTIES



SQUARENESS



DIMENSIONAL INTEGRITY



DIMENSIONAL STABILITY



EASY TO MILL



DRILLING



SCREW HOLDING INTEGRITY



FROM SUSTAINABLE SOURCES



VERSATILITY



EASY TO PAINT



IDEAL FOR LAMINATION

APPLICATIONS

Novolite™ is perfect for applications such as backers for both, residential and office furniture, folding elements in interior design, and drawer bottoms.

Novolite™ is not suitable for load bearing applications.



KITCHENS



LIVING ROOMS



BEDROOMS



BATHROOMS



HOME OFFICE



OFFICE



RETAIL



HOTELS



RESTAURANT



EXHIBITION



LEISURE & SPORT

ENVIRONMENTAL CERTIFICATIONS

Novolite™ is a sustainable environmentally friendly product sourced in accordance with responsible and sustainable forestry management practices.

Novolite™ carries FSC certification.



FORESTS FOR ALL FOREVER

OTHER CERTIFICATIONS

Manufactured to ISO9001 Standards
ISO14001 Environmental Standards Certification
OHSAS 1800 Health and Safety Certification

SABS
ISO 9001

SABS
ISO 14001

SABS
ISO 45001

Medium Density Fibreboard

SANS 540-1:2009 Fibreboard products

BOARD PROPERTIES (MINIMUM SPEC)

| Thickness | Method | mm | 3 | 6 |
|-----------------------------|--------|-------------------|------|------|
| Internal Bond | EN 319 | N/mm ² | 0,5 | 0,5 |
| Bending Strength (MOR) | EN 310 | N/mm ² | 35 | 35 |
| Modulus of Elasticity (MOE) | EN 310 | N/mm ² | 2500 | 2500 |
| Surface soundness | EN 311 | N/mm ² | 0,8 | 0,8 |
| Screw holding face | EN 320 | N | NS | NS |
| Screw holding edge | EN 320 | N | NS | NS |

TOLERANCES

| | | |
|--|-------------|------------------|
| Thickness (SANDED) within and between boards | EN 324-1 | ± 0.2 mm |
| Thickness (UNSANDED) within and between boards | EN 324-1 | -0.3 mm + 1.7 mm |
| Length and width | EN 324-1 | ± 5 mm |
| Edge straightness | EN 324-2 | 1.0 mm per 1.2 m |
| Squareness | EN 324-2 | 1.5 mm per m |
| Flatness | SANS 5969 | 5 mm per m |
| Moisture content | EN 322 | 5% - 13% |
| Tolerance on mean density within a board | EN 323 | ± 10 % |
| Formaldehyde | ISO 12460-5 | Class E2 |

Sale size normally 5 - 20 mm oversize (length and width)

OTHER PROPERTIES AND SPECS NOT PRESCRIBED IN SANS 540-1

| | | | |
|--------------------|--------------|-------|---------|
| Surface absorption | BS EN 382-1 | mm | > 250 |
| Fire Rating | SANS 10177-3 | Class | Class 5 |

Notes:

Novolite™ panels must be stored in a dry/covered building, stacked on a hard, leveled surface, and protected from direct contact with water. Wood based panels are biodegradable and can be recycled. Please follow local regulations for the disposal of residues.

Melamine-faced MDF Novolite™ panels do not require any special maintenance and the surface is generally easy to clean with a soft, moist cloth. The use of abrasive agents, furniture cleaner, bleach, acidic cleaning agents, or steam cleaning equipment must be avoided since it may damage the material.

Availability

For more information on availability on panel size and thickness, minimum quantities, as well as lead time, please consult your supplier.

AFFILIATIONS

