

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 CUT



DRILLING



VERSATILITY



SCREW HOLDING INTEGRITY



IDEAL FOR LAMINATION



EASY TO PAINT



FROM SUSTAINABLE SOURCES

APPLICATIONS

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



KITCHENS



LIVING ROOM



BATHROOMS



BEDROOMS



HOME OFFICE



OFFICE



RETAILING



HOTELS



RESTAURANTS



EXHIBITIONS



LEISURE AND SPORT

ENVIRONMENTAL CERTIFICATIONS

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

Novolite™ carries FSC Certification.



FSC
FORESTS FOR ALL FOREVER

OTHER CERTIFICATIONS

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

SABS
ISO 9001

SABS
OHSAS 18000

SABS
ISO 14001

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, levelled 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

