

# novowood™

## Medium Density Fibreboard

Medium Density Fibreboard suitable for interior applications

### DESCRIPTION

Novowood™ is standard Medium Density Fibreboard substrate designed for general purpose interior use only and is not suitable for exterior use or interior areas where wetting or high humidity conditions are likely.

Novowood™'s homogeneous smooth surface makes it perfect for painting and laminating with decorative papers and High Pressure Laminates, while its core properties make it suitable for machining where shallow machining is required.

### PROPERTIES



SQUARENESS



DIMENSIONAL INTEGRITY



DIMENSIONAL STABILITY



EASY TO CUT



IDEAL FOR CNC MACHINING



DRILLING



VERSATILITY



SCREW HOLDING INTEGRITY



IDEAL FOR LAMINATION



EASY TO PAINT



FROM SUSTAINABLE SOURCES

### APPLICATIONS

Novowood™ is an extremely versatile product suitable for a wide range of uses, in particular furniture production, bearing in mind its machinability.



KITCHENS



LIVING ROOM



BATHROOMS



BEDROOMS



HOME OFFICE



OFFICE



WALL PANNELLING



RETAILING



HOTELS



RESTAURANTS



EXHIBITIONS

### ENVIRONMENTAL CERTIFICATIONS

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

Novowood™ 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 540-1:2019 Fibreboard products

### BOARD PROPERTIES (MINIMUM SPEC)

Thickness	Method	mm	6	9	12	16	18	22
Internal Bond	EN 319	N/mm <sup>2</sup>	0,5	0,5	0,5	0,5	0,5	0,5
Bending Strength (MOR)	EN 310	N/mm <sup>2</sup>	35	35	30	30	30	30
Modulus of Elasticity (MOE)	EN 310	N/mm <sup>2</sup>	2500	2500	2500	2500	2500	2000
Surface soundness	EN 311	N/mm <sup>2</sup>	0,8	0,8	0,8	0,8	0,8	0,8
Screw holding face	EN 320	N	NS	NS	>1100	>1100	>1100	>1100
Screw holding edge	EN 320	N	NS	NS	>900	>900	>900	>900

### 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:

Novowood™ 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.

#### Availability

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

### AFFILIATIONS

