

# novowood DR<sup>TM</sup>

## Medium Density Fibreboard

Medium Density Fibreboard suitable for interior applications

### DESCRIPTION

Novowood DR<sup>TM</sup> Medium Density Fibreboard is manufactured to a higher specification to interior applications that require consistent deep machining for profiling of cabinetry and moldings.

Novowood DR<sup>TM</sup> has a homogeneous smooth surface and is perfect for painting, laminating and overlay upgrading.

### PROPERTIES



SQUARENESS



DIMENSIONAL INTEGRITY



DIMENSIONAL STABILITY



EASY TO MILL



DRILLING



SCREW HOLDING INTEGRITY



FROM SUSTAINABLE SOURCES



VERSATILITY



IDEAL FOR CNC MACHINING



EASY TO PAINT



IDEAL FOR LAMINATION

### APPLICATIONS

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

Novowood DR<sup>TM</sup> is not suitable for load bearing applications.



KITCHENS



LIVING ROOMS



BEDROOMS



BATHROOMS



HOME OFFICE



OFFICE



WALL PANELING



RETAIL



HOTELS



RESTAURANT



EXHIBITION

### ENVIRONMENTAL CERTIFICATIONS

Novowood Deep Router<sup>TM</sup> is a sustainable environmentally friendly product sourced in accordance with responsible and sustainable forestry management practices.

Novowood DR<sup>TM</sup> 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

# novowood DR<sup>TM</sup>

## Medium Density Fibreboard

SANS 540-1:2009 Fibreboard products

### BOARD PROPERTIES (MINIMUM SPEC)

Thickness	Method	mm	Deep Routable	
			16	22
Internal Bond	EN 319	N/mm <sup>2</sup>	0,7	0,7
Bending Strength (MOR)	EN 310	N/mm <sup>2</sup>	30	30
Modulus of Elasticity (MOE)	EN 310	N/mm <sup>2</sup>	2500	2500
Surface soundness	EN 311	N/mm <sup>2</sup>	0,8	0,8
Screw holding face	EN 320	N	> 1100	> 1100
Screw holding edge	EN 320	N	> 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 (INTERNAL SPEC)

Surface absorption	BS EN 382-1	mm	> 250
Fire RatingS	ANS 10177-3C	lass	Class 5

#### Notes:

Novowood DR<sup>TM</sup> 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.

#### Availability

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

### AFFILIATIONS

