

novogold™

Particleboard

Particleboard suitable for interior applications in dry conditions.

DESCRIPTION

Novogold™ is a grade particleboard substrate, manufactured for general use in interior furniture fitments.

Novogold™'s high intensity ensures excellent screw holding and machinability while its smooth surface characteristics make it ideal for lamination using either Melamine, Foil Films, High Pressure Laminates, Veneer Layons and other applications.

PROPERTIES



SQUARENESS



DIMENSIONAL INTEGRITY



DIMENSIONAL STABILITY



EASY TO MILL



IDEAL FOR CNC MACHINING



DRILLING



SCREW HOLDING INTEGRITY



FROM SUSTAINABLE SOURCES



LOW EMISSIONS

APPLICATIONS

Novogold™ is ideal for construction and furniture production.

Novogold™ has excellent surface characteristics making it ideal for lamination using either Melamine, Foil Films, High Pressure Laminates, Veneer Layons and other applications.

Novogold™ is not suitable for load bearing applications.



LIVING ROOMS



BEDROOMS



HOME OFFICE



OFFICE



RETAIL



RESTAURANT



EXHIBITION



LEISURE & SPORT

ENVIRONMENTAL CERTIFICATIONS

Novogold™ is a sustainable environmentally friendly product with low formaldehyde emissions and is sourced in accordance with responsible and sustainable forestry management practices. Novogold™ carries FSC Certification.

Novogold™ is E1 certified by EPH, an independent accredited test laboratory and certification body, recognised worldwide as proof of performance for materials and products, including The Green Building Council SA ((ISO)/IEC 17025 registered laboratory).



FSC
FORESTS FOR ALL FOREVER



EPH
SUCCESS BY QUALITY



OTHER CERTIFICATIONS

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



Particleboard

SANS 50312:2015 Particleboard

Type P2 - Boards for interior fitment for use in dry conditions

BOARD PROPERTIES (MINIMUM SPEC)

Thickness	Method	mm	>6 to 13	>13 to 20	>20 to 25	>25 to 32
Internal Bond	EN 319	N/mm ²	0,4	0,35	0,3	0,25
Bending Strength (MOR)	EN 310	N/mm ²	11	11	10,5	9,5
Modulus of Elasticity (MOE)	EN 310	N/mm ²	1800	1600	1500	1350
Surface soundness	EN 311	N/mm ²	0,8	0,8	0,8	0,8

TOLERANCES

Thickness (SANDED) within and between boards	EN 324-1	± 0.3 mm
Thickness (UNSANDED) within and between board	EN 324-1	-0.3 mm + 1.7 mm
Length and width	EN 324-1	± 5 mm
Edge straightness	EN 324-2	1.5 mm per m
Squareness	EN 324-2	2 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	E1 < 8 mg/100g board E2 < 20 mg/100g board

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

OTHER PROPERTIES AND SPECS NOT PRESCRIBED IN SANS 50312

Screw holding face	EN 320	N	> 900
Screw holding edge	EN 320	N	> 600
Surface absorption	BS EN 382-1	mm	> 250
Fire Rating	SANS 10177-3	Class	Class 5

Notes:

Novogold™ 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

