



innovus[®]

Decorative Products













Melamine Faced Board

Melamine faced board suitable for interior applications

DESCRIPTION

Innovus Decorative Products comprises of melamine impregnated paper permanently fused onto Novogold™ or Novowood™.













PROPERTIES

 SQUARENESS	 DIMENSIONAL INTEGRITY	 DIMENSIONAL STABILITY	 EASY TO MILL
 IDEAL FOR CNC MACHINING	 DRILLING	 SCREW HOLDING INTEGRITY	 FROM SUSTAINABLE SOURCES
 LOW EMISSIONS	 EASY TO CLEAN	 SCRATCH RESISTANT	 STAIN RESISTANT

APPLICATIONS

Innovus Decorative Products designs offer unique structures, colour, tones and textures in line with current interior design trends.

These design attributes combine with Innovus Decorative Products superior technical performance and durability to deliver a wide appeal in office and home furniture; kitchen and bath cabinets; wall paneling, store fixtures and decoration in general.

 KITCHENS	 LIVING ROOMS	 BATHROOMS	 BEDROOMS
 HOME OFFICE	 OFFICE	 WALL PANELING	 RETAIL
 HOTELS	 RESTAURANT	 EXHIBITION	 LEISURE & SPORT

ENVIRONMENTAL CERTIFICATIONS

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



Innovus Decorative Products on Novogold™, Novogold MR™, Novowood™ and Novowood DR™ is sourced in accordance with responsible and sustainable forestry management practices and carry FSC Certification.



OTHER CERTIFICATIONS

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



SANS 1763:2015 Decorative melamine-faced boards

Depending on the application, Innovus Decorative Products is either available on Particleboard or Medium Density Fibreboard substrate.

Note: The technical properties set out below pertain to the melamine impregnated paper only. For technical properties relating to the substrate onto which the impregnated melamine paper is laminated, please refer to the technical sheets for Particleboard (Novogold™, Novogold MR™) and MDF (Novowood™, Novowood DR™).

MELAMINE IMPREGNATED PAPER (ONLY)

Characteristic	Method	Unit	Value
Edge chipping tolerance	SANS 4586-2	mm	≤ 5 mm
Resistance to surface wear	SANS 4586-2 Clause 6	cycles	50 - 100
Resistance to scratching ^a	SANS 4586-2 Clause 15	N	≥ 1.5
Dimensional stability at 20°C	SANS 4586-2 Clause 11	%	< 0.6
Resistance to cracking	SANS 4586-2 Clause 14	Grade ^b	≤ 1
Resistance to cigarette burns	SANS 4586-2 Clause 18	Rating ^c	≥ 4
Resistance to dry heat	SANS 4586-2 Clause 8	Rating ^c	≥ 4
Resistance to steam	SANS 4586-2 Clause 10	Rating ^c	≥ 4
Resistance to staining ^d	SANS 4586-2 Clause 16 B	Rating ^c	≥ 4

Notes:

- Scratch resistance is affected by the surface structure and colour. Scratches on light colours are generally less visible than scratches on dark colours.
- Effect of test procedure on melamine surface in accordance with SANS 1763 grading scale:
 - Grade 0: Design surface without hairline cracks
 - Grade 1: Hairline cracks randomly spread over the total design surface
 - Grade 2: In addition to grade 1 cracking, cracks occur on surface and are visible from a distance of 400mm
- Effect of test procedure on melamine surface in accordance with SANS 4586-2 rating scale:
 - Rating 5: No visible change
 - Rating 4: Slight change of gloss and/or colour, only visible at certain viewing angles
 - Rating 3: Moderate change of gloss and/or colour
 - Rating 2: Marked change of gloss and/or colour
 - Rating 1: Blistering and/or delamination
- Resistant to stains that are caused by the test substances in groups 1 and 2 specified in SANS 4586-2

Notes:

Novowood DR™ 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. Innovus Decorative Products 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

Innovus Decorative Products on Novogold™ is readily available. Innovus Decorative Products on Novogold™, Novowood™ and Novowood DR™ are more specialised niche products. For more information on availability on panel size and thickness, minimum quantities, as well as lead time, please consult your supplier.

AFFILIATIONS

