

NAVLAM SANDBLASTED™

Navlam Sandblasted™ MR MDF is a moisture resistant medium density fibreboard E0 substrate bonded with a pre-finished reconstructed timber veneer.

Substrate Properties

Typical physical properties when tested to AS/NZS 1859.2

Property	Thickness		
	Unit	18mm	25-33mm
Density	kg/m ³	730	710
Internal Bond	Mpa	0.90	0.70
Modulus of Rupture (MOR)	Mpa	43.0	38.5
Modulus of Elasticity (MOE)	Mpa	3600	3400
Screw Holding Edge	N	1600	1600
Screw Holding Face	N	1000	1000
Thickness Swell (24hr)	%	<4	<4

Moisture Resistance

Navlam Sandblasted™ MR MDF substrate complies with moisture resistance properties as specified in AS/NZS 1859.2. For details refer to Substrate Properties table.

Colour Consistency

Although Navlam Sandblasted™ is a reconstructed timber veneer it holds similar characteristics to natural timbers. It is not possible to guarantee complete colour consistency between production batches. As a result, slight colour variations between Navlam panels cannot be considered a defect.

Sandblasted Finish

Grain runs vertically along the laminate. Finished in a high quality, scratch and stain resistant 2-pac acrylic polyurethane finish and pressed to a phenolic resin infused laminated material. Navlam Sandblasted™ features a textural finish.

Applications

Designed for interior applications, Navlam Sandblasted™ is ideal for use in kitchen, bathroom and laundry cabinetry, doors, wall panelling, furniture and commercial joinery.

Emissions Test

Tested for organic emissions to ASTM D5116-2017.

Result: Total VOC emission rate: 0.052 mg/m²/hr

Formaldehyde Emission Rate: 0.045 mg/m²/hr

Light Reflectance Value (LRV)

Test to AS 1428.1. Results available on request.

Fire Tests

Refer Navlam Sandblasted™ web page for certificate.

Certification

Navlam Sandblasted™ MR MDF is manufactured with an E0, low VOC substrate. Timbers selected for Navlam Sandblasted™ is sourced from sustainably managed forests and poplar plantations. Navlam Sandblasted™ is certified for PEFC Controlled Sources claim.

Storage

Store your Navlam Sandblasted™ panels in an area protected from the elements to minimise rapid changes in temperature and humidity. To avoid exposure to the elements, we recommend Navlam Sandblasted™ sheets are stored in a suitable enclosed environment prior to installation and kept covered, away from direct and indirect sunlight. For further technical information please refer to our website newageveneers.com.au.

Exposure to Sunlight

Navlam Sandblasted™ laminates are reconstructed from natural timbers and will react to direct and indirect sunlight. The pre-finished surface contains a UV inhibitor that offers some protection against discolouration, but like all natural products, colour variation will occur over time.

Prolonged exposure to direct light may cause timber veneers to undergo sudden and irregular colour change.

Discolouration caused by exposure to sunlight and ultraviolet rays cannot be considered a material defect.

For further technical information please refer to our website newageveneers.com.au.

Technical Specifications

Laminate only sheet size: 3050mm x 1220mm x 1mm

Panel sizes: 3000mm x 1200mm

(Various E0 MDF substrate thicknesses available)

Edging: Supplied with matching 1.0mm ABS (non-PVC) edging to achieve a range of edging profiles. Edging is available in 22mm, 38mm and 54mm widths to suit a wide range of panel thicknesses.

Please take care to inspect all boards on delivery for any defects. Bowed boards will only be recognised under the Navlam Sandblasted™ Warranty if a full check was made prior to the boards being cut, edged and installed. NAV will not warrant any bowing issues that may occur when purchasing Navlam Sandblasted™ G1S on board.