



05-2018

Navtext™

Technical Data Sheet

Navtext™ is a timber veneer alternative, with similar qualities to the Navurban™ range, at a more affordable price point. Featuring cutting-edge 3D surface embossing technology, Navtext™ delivers depth and clarity with a long lasting and high-end matt finish.

Applications

Designed for interior use and vertical applications only. Navtext™ offers a host of design possibilities for residential or commercial projects where traditional timber veneers could be applied. As a pre-finished product, it's ready for immediate fabrication and available in 14 stunning decors.

Substrate Properties

Typical physical properties when tested to AS/NZS 1859.2

Property	Unit	Thickness	
		19mm	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

Emissions Test

Tested for organic emissions to ASTM D5116.
Result: Total VOC emission rate <0.5 mg/m²/hr
Formaldehyde emission rate <0.1 mg/m²/hr

Sheet Sizes, Thicknesses & Finishes

For sheet sizes, thicknesses, edging and surface finish options, refer Navtext™ Availability Chart.

Certification

NavText™ MR MDF is manufactured with an E0, low VOC substrate and meets stringent indoor air quality standards.



Fire Tests

MR MDF tested to AS/NZS 1530.3.
Results typically achieved:

Indices	Result	Range
Ignitability	14	0-20
Spread of Flame	8	0-10
Heat Evolved	7	0-10
Smoke Developed	4	0-10

NavText™ Fire Rated (FR) is available on request, to achieve a Group 3 Fire Rating. Tested for smoke and heat release rates to AS/NZS 3837.
Result: Group 3.
Average specific extinction area = 0.4m²/kg

Resistance to Wear

Tested for abrasion resistance to AS/NZS 4266.20.
Result: Pass

Light Reflectance Value (LRV)

Tested to AS 1428.1.
Results available on request.