

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 ceilings & beam applications. Navtext™ offers a host of design possibilities for commercial projects where traditional timber veneers could be applied. As a pre-finished product, it's ready for immediate fabrication and available in 12 stunning decors.

Substrate Properties

Typical physical properties when tested to AS/NZS 1859.2

| Property | Thickness | | |
|-----------------------------|-------------------|------|---------|
| | Unit | 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 1 Fire Rating. Tested for smoke and heat release rates to AS/NZS5637.

Result: Group 1.

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.