

NAVURBAN EARTH™

NAVURBAN EARTH'S™ advanced surface technology, achieves a hyperrealistic marble look across four timeless tones, with the consistency natural stone can't guarantee. It's surface finish offers scratch and abrasion resistance, as well as being UV, stain and water resistant.

Applications

Designed for interior applications, NAVURBAN EARTH™ is ideal for use in kitchen cabinetry, wardrobes, media units, reception desks and commercial joinery. Please note that NAVURBAN EARTH™ is not suitable for bench top applications.

MR MDF Substrate Properties

Typical physical properties when tested to AS/NZS 1859.2

Property	Thickness		
	Unit	18mm	25-33mm
Density	kg/m³	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.
MR MDF Result: Total VOC emission rate <0.005mg/m²/hr
Formaldehyde emission rate 0.017mg/m²/hr

Result: Total VOC emission rate 0.043mg/m²/hr
Formaldehyde emission rate <0.040mg/m²/hr

Resistance to Wear

Tested for resistance to scratching to AS 2924.2-1998
Result: Wear Resistance = 1650 Revolutions

Result: when scratched across grain indent light mark = 0.75(kgf)
Result: when scratched with grain indent light mark = 0.75(kgf)

Stain Resistance

NAVURBAN EARTH™ is tested in accordance with AS/NZS 2924-1998.
Results typically achieved:

Staining Agent	Rating
100% Acetone	5
Black Coffee	5
25% Sodium Hydroxide	5
30% Hydrogen Peroxide	5
Black Shoe Polish	5
10% Citric Acid	5
Spray and Wipe	5
Windex	5

UV Test Resistance

Tested for exposure in indoor applications to ASTM D4459.
Please contact for further information.

Light Reflectance Value (LRV)

All decors have been tested individually to AS 1428.1 and reports available on request.

Sheet Sizes, Thicknesses & Finishes

For sheet sizes, thicknesses, edging and surface finish options, refer to the NAVURBAN EARTH™ Specification Data, Availability & Pricing document.

Fire Tests

Comprehensive results available on request.

NAVURBAN EARTH™ MR MDF is tested in accordance with AS/NZS 3837-1998 Method of test for heat and smoke release. Alternate substrates are available upon request.

The following sample classifications were obtained:

Group Number Assessment in accordance with AS 5637.1-2015
Group Number = Group 3
Average specific extinction area = 4.4 m²/kg

PEFC Certification

All NAVURBAN EARTH™ products are PEFC (program for endorsement of forest certification) certified providing reassurance that our product is sourced responsibly and sustainably.

Global Greentag™

NAVURBAN EARTH™ MR MDF is manufactured with an E0, low VOC substrate and is Ecospecifier Global GreenTag™ certified to level B. NAVURBAN EARTH™ MR MDF can contribute to Green Star® points.

Disclaimer

This technical data sheet is provided by New Age Veneers as a general guideline. It is the responsibility of the installer to conduct appropriate testing and ensure suitability of materials and methods for each specific application.