

MODULO PANEL

by screenwood

Technical Data Sheet

Modulo Panel Group 2 FR MDF

Modulo Panel is manufactured from an FR MDF (fire resistant medium density fibreboard) bonded with Navurban™ non-PVC olefin decorative surface film.

Applications

Designed for interior applications, Modulo Panel is ideal for use in wall and ceiling lining applications in commercial, retail, education, hospitality and residential projects.

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
Modules of Rupture (MOR)	Mpa	43.0	38.5
Modules 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 D5116-2017.

Result: Total VOC emission rate: 0.008 mg/m²/hr. Formaldehyde emission rate: 0.091 mg/m²/hr.

Resistance to Wear

Navurban™ tested for abrasion resistance to AS 15080 Method 403.2. Result: Average mass loss = 24mg.

UV Test Resistance

Navurban™ tested for exposure in indoor applications to ASTM D4459. Result: Not adversely affected after 1000 hours.

Light Reflectance Value (LRV)

Navurban™ tested to AS 1428.1. Results available on request.

Panel Sizes, Thickness & Finishes

For panel sizes, thicknesses and surface finish option, refer Modulo Panel website or brochure.

Fire Tests

Please contact us on +61 2 9521 7200 to discuss fire documentation.

Certification

Modulo FR MDF panels are manufactured with a low VOC substrate and is under assessment for Global Greentag™ certified to level B. Modulo Panels are also manufactured from PEFC certified MDF. Timber is sourced from sustainably managed forests.



Prefinished with



DESIGNER
SURFACES

Modulo Panel

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Technical Data Sheet

Modulo Panel Group 3 MR EO MDF

Modulo Panel is manufactured from an E0 MDF (moisture resistant medium density fibreboard) bonded with Navurban™ non-PVC olefin decorative surface film.

Applications

Designed for interior applications, Modulo Panel is ideal for use in wall and ceiling lining applications in commercial, retail, education, hospitality and residential projects.

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
Modules of Rupture (MOR)	Mpa	43.0	38.5
Modules 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 D5116-2017.

Result: Total VOC emission rate: 0.016 mg/m²/hr. Formaldehyde emission rate: 0.059 mg/m²/hr.

Resistance to Wear

Navurban™ tested for abrasion resistance to AS 15080 Method 403.2. Result: Average mass loss = 24mg.

UV Test Resistance

Navurban™ tested for exposure in indoor applications to ASTM D4459. Result: Not adversely affected after 1000 hours.

Light Reflectance Value (LRV)

Navurban™ tested to AS 1428.1. Results available on request.

Panel Sizes, Thickness & Finishes

For panel sizes, thicknesses and surface finish option, refer Modulo Panel website or brochure.

Fire Tests

Group 3 MR tested to AS5637.1

Certification

Modulo MR MDF panels are manufactured with aa E0, low VOC substrate and has achieved Global Greentag™ certification to level B. Modulo Panels are also manufactured from PEFC certified MDF. Timber is sourced from sustainably managed forests.



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