

# Technical Data

## Group 3

### EO MR MDF

MODULO is manufactured from an MR MDF (moisture resistant medium density fibreboard) bonded with Navurban™ non-PVC olefin decorative surface film. Designed for interior applications, MODULO is ideal for use in wall and ceiling lining applications in commercial, retail, education, hospitality and residential projects.



#### Fire Testing

Group 3 MR tested to AS5637.1  
Group 2 substrate available for 18mm thick profiles.

#### Certification

MODULO holds Global GreenTag™ certification to Level B and the Platinum Level Health Rate.

#### Emissions Test

Tested for organic emissions to ASTM D5116-2017.  
Result: Total VOC emission rate: 0.016 mg/m<sup>2</sup>/hr.  
Formaldehyde emission rate: 0.059 mg/m<sup>2</sup>/hr.

#### Substrate Properties

Typical physical properties when tested to AS/NZS 1859.2

Property	Unit	Panel Thickness	
		18mm	25 - 33mm
Density	kg/ m <sup>3</sup>	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

#### Resistance to Wear

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

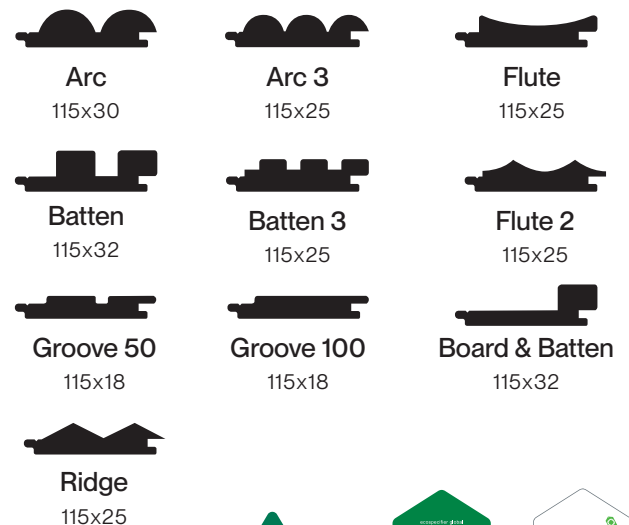
#### UV Test Resistance

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.

#### MODULO Group 3 Profiles



# Technical Data

## Group 2

### FR MDF

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



#### Fire Testing

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

#### Certification

MODULO holds Global GreenTag™ certification to Level B and the Platinum Level Health Rate.

#### Emissions Test

Tested for organic emissions to ASTM D5116-2017. Result: Total VOC emission rate: 0.016 mg/m<sup>2</sup>/hr. Formaldehyde emission rate: 0.059 mg/m<sup>2</sup>/hr.

#### Substrate Properties

Typical physical properties when tested to AS/NZS 1859.2

Property	Unit	Panel Thickness	
		18mm	25 - 33mm
Density	kg/ m <sup>3</sup>	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

#### 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.

#### MODULO Group 2 Profiles



Groove 50  
115x18



Groove 100  
115x18

