

# Technical Data

## DECORATIVE FIBREBOARD

SCREENWOOD

# PANELS

PANELS are manufactured from an MR MDF (moisture resistant medium density fibreboard) bonded with Navurban™ non-PVC olefin decorative surface film. Designed for interior applications, PANELS are 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 25mm thick profiles.

### Certification

Decorative Fibreboard PANELS hold 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	25 - 33mm batten
Density	710kg/ m <sup>3</sup>
Internal Bond	0.70Mpa
Modules of Rupture (MOR)	38.5Mpa
Modules of Elasticity (MOE)	3400Mpa
Screw Holding Edge	1600N
Screw Holding Face	1000N
Thickness Swell (24hr)	<4%

### PANELS Decorative Fibreboard Profiles

◇ Denotes Group 2 options



Square 3232



Half Round 3250



Fluted 2550◇



Rectangular 2550◇



Rectangular 4018



Rectangular 5025



Rectangular 9032

### Acoustic Performance

PANELS have been independently tested and acoustically rated. Please contact us for test certificates and further information.

### 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.



# Technical Data

## SOLID TIMBER

SCREENWOOD

# PANELS

PANELS are manufactured from a selection of sustainable managed timber species, prefinished in a low VOC internal matte lacquer. Designed for interior applications, PANELS are ideal for use in wall and ceiling lining applications in commercial, retail, education, hospitality and residential projects.



### Fire Testing

Group 3 tested to AS5637.1.

### Certification

Solid Timber PANELS are PEFC™ certified.

### Emissions Test

Tested for organic emissions to ASTM D5116.  
Result: Total VOC emission rate: 0.035mg/m2/hr.

### Acoustic Performance

PANELS have been independently tested and acoustically rated. Please contact us for test certificates and further information.

### Substrate Properties

Property	Hemlock	Blackbutt	Western red cedar	Spotted gum
Density	505kg/ m3	900kg/ m3	350kg/ m3	990kg/ M3
Modules of Rupture (MOR)	78Mpa	144Mpa	49-55Mpa	142Mpa
Modules of Elasticity (MOE)	11.3Mpa	19Mpa	6.95-7.7Mpa	19Mpa

### PANELS Solid Timber Profiles



3040 Series



3060 Series



4020 Series



4030 Series



6030 Series



9040 Series

