

Decoprint

Technical Data



Decoprint panel boards are made from MDF where the surface is sealed, painted and printed with a high definition wood grain pattern or solid colour with a UV lacquer, giving the board a superior finish which is largely solvent & scratch resistant.

Applications

Decoprint is suitable for use in drawer bottoms, cupboard backs, curved panels, door skins and any other application that requires are thin panel.

Colours

A selective range of colours has been developed to complement existing melamine matches in our Decoline range. The range will be expanding so please refer to our website for the latest colours available.

Finish

Gloss and Matt

Care and Maintenance

For general cleaning a wipe over with a soft damp cloth should be sufficient to keep Decoprint surface clean.

Do not use excessive force when rubbing surfaces and for more persistent stains use a recommended household cleaner. If in doubt about a particular cleaner, conduct a small discrete spot test on the Decoprint board. Do not use any materials that contain solvents

Safety considerations:

Please see the Decoprint MSDS sheets for specific information regarding safety considerations and requirements.

Fire Test

Typically achieved when tested to AS/NZS 1530.3

Test	Index	Range
Ignitability	15	0 - 20
Spread of Flame	7 - 8	0 - 10
Heat Evolved	6 - 9	0 - 10
Smoke Developed	3 - 5	0 - 10

Test Standards

This product meets the following Australia Standard (AS-1580.408.2 -1993) Adhesion- Knife test. It also meets the D & R Henderson (DRH-001-2006) Solvent Resistant Test. Table 1.1 indicates the following tests results for a for a wood grain print, black and white of UV lacquer Decoprint boards

Table 1.1

Test Name	Solvent Resistant Test AT DOUBLE RUBS			
	Wood grain Print	Black	White	Avg.
MEK	31	32	35	33
Solvent	50	50	18	39
Mr Muscle	45	50	27	41
Methylated Spirits	35	30	20	28
Adhesion Tests SCALE 0-5 (AS-1580.408.2-1993)	0	0	0	0

Solvent * MEK (Acetone, Diggers) Methyl Ethyl Ketone
 * GUN WASH (Gun Wash Thinners, Solveco)
 Xylene, Acetone, Aliphatic Solvents, Aromatic Solvents
 * H/H CLEANER (Mr Muscle, SC Johnson)
 Compound, Solvent ,Butyl Alcohol - Quaternary Ammonium

Substrate Properties

SPECIFICATIONS	UNITS	THICKNESS RANGE & TYPICAL VALUES		
		<8mm	8-11mm	12-22mm
Thickness Tolerance	Mm	+/- 0.2	+/- 0.2	+/- 0.2
Density	Kg/m ³	790	750	740
Internal Bond	N/mm ²	0.800	0.800	0.800
Modulus of Rupture	N/mm ²	40	40	35
Modulus of Elasticity	N/mm ²	3200	3000	3000
Screw Holding, Face	N	N.A.	N.A.	≥500
Screw Holding, Edge	N	N.A.	N.A.	≥500
Thickness Swell (24hr)	%	N.A.	<10	<8

For sheet sizes and thicknesses refer to our website for details.

