

LPM Panels

TECHNICAL DATA SHEET

Data Sheet 2.01-A
February 2021
Page 1 of 3

DESCRIPTION

Wilsonart decorative LPM (Low Pressure Melamine) Panels are locally manufactured using the premium grade ingredients to produce a pre-finished double sided E0 rated MRMDF panel which is ready for use.

Wilsonart LPM Panels reflect current market trends and offer a large selection of solid colours and woodgrains matched with 1mm ABS edge.

APPLICATION

Recommended for interior use only, Wilsonart LPM Panels offer a cost-effective solution for commercial and residential applications to joinery doors and drawer fronts, wall panelling, shelving and other vertical or low wear surfaces.

SURFACE FINISHES

Wilsonart LPM Panels are available in four fashionable surface finishes depending on the décor selected. Wilsonart LPM Panels are durable, easy to clean and maintain.

XTREME MATT	A smooth super matt surface that imparts a silky soft texture to the touch. Available in a large selection of woodgrains and popular solid decors.
HEWN	A unique satin and matt embossed surface characteristic and reminiscent of naturally hewed timber. Hewn's realistic texture and tactile surface brings woodgrains to life.
VELVET	A smooth and subtly textured low sheen finish offered in a vast selection of solid colours.
GLIS	A luxurious gloss surface finish that adds an elegant depth and lustre to a selected range of pearls, shimmers, woodgrains, and solid colours.

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TECHNICAL DATA SHEET

Data Sheet 2.01-A

February 2021

Page 2 of 3

PHYSICAL & DIMENSIONAL DATA

Property	Unit	E0 MR-MDF
Nominal Thickness	mm	16, 18
Thickness Tolerance	mm	+/- 0.2
Density	kg/m ³	740
Internal Bond	N/mm ²	0.800
Modulus of Rupture	N/mm ²	35
Modulus of Elasticity	N/mm ²	3000
Screw Holding, Face	N	>500
Screw Holding, Edge	N	>500
Thickness Swell (24hr)	%	<8

Standard Sheet Sizes 2400 x 1200 x 16mm - stocked
3600 x 1200 x 18mm – selected range, lead times apply

FIRE PERFORMANCE

Early Fire Hazard Indices AS1530.3	Index	Range
Ignitability	15	0-20
Spread of Flame	7-8	1-10
Heat Evolved	6-9	1-10
Smoke Developed	3-5	1-10

Group Classification Number AS/NZS 3837-1998
Average Specific Extinction Area

Group 3
21.4 m³/kg

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TECHNICAL DATA SHEET

Data Sheet 2.01-A
February 2021
Page 3 of 3

CHEMICAL COMPOSITION

Ingredient	CAS no	Content	Exposure Limits
			NOHSC[1003(1995)]
Plantation softwoods	-	>79%	Not applicable for intact products
Urea formaldehyde resin	9011-05-06	<20%	
Melamine urea formaldehyde resin	25036-13-9	<20%	
Decorative Paper	-	<2%	
Paraffin wax	8002-74-2	<1%	

Emissions rating E0

CARE AND MAINTENCE

Wilsonart LPM Panels require minimal maintenance are easy to clean.

For everyday cleaning, simply wipe the surface with a soft, damp cloth and warm water with a mild detergent and wipe dry. For stubborn stains, use an all-purpose cleaner.

Whilst Wilsonart Decorative Panels are made of moisture resistant substrate, they are not waterproof, and it is advised to immediately wipe dry liquids and avoid excessive exposure to humidity, moisture, or steam.

CONTACT

For further information on this product contact:

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