

Laminex HD3[®] Decorated



Laminex HD3[®] Decorated is very high density fibreboard decorated on both sides with a decorative hardwearing graffiti resistant melamine surface. Bonded together with a highly moisture-resistant resin to produce an extremely strong board suitable for use in high abuse areas.

APPLICATIONS

HD3[®] Decorated is suitable for use in toilet partitions, laboratory benchtops, change room lockers, shelving and all areas of high abuse, such as schools, public buildings etc.

COLOURS

HD3[®] Decorated comes in a limited range of colours, please contact your local branch for availability.

ACOUSTIC PROPERTIES

Typically achieved when tested to AS 1191-1985 Section A2-3 AS 1276-1979.
18mm will achieve STC class of 32dB.

FIRE HAZARD INDICES

(Typically achieved when tested to AS/NZS 1530.3-1989)		
Indices	Result	Range
Ignitability	12	0-20
Spread of Flame	3	0-10
Heat Evolved	3	0-10
Smoke Developed	4	0-10

SUBSTRATE PROPERTIES

(Typical physical properties when tested to AS/NZS 1859.2-1997)		
THICKNESS		
Property	Unit	18mm
Board Density	kg/m ³	1200
Internal Bond	KPa	3000
Modulus of Rupture	MPa	70
Modulus of Elasticity	MPa	5500
Moisture Content	%	8
Thickness Swell 24 hrs	%	<3 ave
Screw Holding – Face	N	2800
Screw Holding – Edge	N	2500

Note:

HD3[®] is a wood based panel and will behave similarly to Natural Timber. Minor expansion and contraction may occur with changes in relative humidity.

MOISTURE RESISTANCE

Laminex Lamiwood HD3[®] Decorated complies with Wet Cyclic Test Moisture Resistance Properties as specified in Table 4.2 of AS/NZS 1859.2-1997.

DECORATIVE SURFACE PROPERTIES

HD3[®] when tested in approved manner complies with relevant sections of AS/NZS 1859.3-1996 for surface properties.

WEIGHT

Thickness	18mm
kg per m ²	21.6

RESISTANCE TO WEAR

Solid Colours

Typical results 600 cycles.

Patterns and Woodgrains

Typical results 100 cycles.

RESISTANCE TO STEAM

No noticeable permeability effects.

SHEET SIZES AND THICKNESSES

Refer to the Laminex[®] Product Availability Chart.



IMPORTANT NOTE

A slight variation exists between the flint finish on Laminex[®] melamine faced board products (Lamiwood MR[®], Decorwood[®], HD3[®] Decorated, Vertiboard[®], Vertiboard MR, Structural and Contour[®] Doors) and the flint finish on Laminex[®] high-pressure laminate products.

General Site Work Notes

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