Version: 1001
Language: EN/AU
Release date: February 2026

DATASHEET

Technical

STANDARD DIMENSIONS

	6MM	9MM	12MM	15MM	18MM
1220 X 2440MM	✓	✓	✓	✓	✓
1220 X 3050MM					✓

PRODUCT SPECIFICATION

PROPERTY	RANGE	TEST METHOD	UNITS	THICKNESS				
				6	9	12	15	18
Density	+/-30		Kg/m^3	720	720	720	700	700
Internal Bond	Min	EN 319	N/mm^2	0.80	0.80	0.80	0.80	0.80
Modulus of Rupture	Min	EN 310	N/mm^2	30.0	30.0	25.0	20.0	20.0
Modulus of Elasticity	Min	EN 310	N/mm^2	3,000	3,000	2,500	2,500	2,500
Screw Holding Face	Min	EN 320	N				900	900
Screw Holding Edge	Min	EN 320	N				700	700
Free Formaldehyde	Max	EN 120	mg/100g	<1.0	<1.0	<1.0	<1.0	<1.0
Thickness Tolerance		EN 324-1	mm	+/- 0.15	+/- 0.15	+/- 0.15	+/- 0.15	+/- 0.15
Thickness Swell (24hrs)	Max	EN 317	%	2.5	2.0	2.0	1.5	1.5
Thermal Resistance		R Value	M^2 K/W	0.056	0.085	0.114	0.15	0.18

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DIMENSIONAL MOVEMENT	RANGE	TEST METHOD	UNITS	THICKNESS				
				6	9	12	15	18
Length / Width		EN 318	%	+/- 0.1	+/- 0.1	+/- 0.1	+/- 0.1	+/- 0.1
Thickness		EN 318	%	+/- 1.0	+/- 1.0	+/- 1.0	+/- 1.0	+/- 1.0

AFTER BOIL TEST	RANGE	EN1087-1	UNITS	THICKNESS				
				6	9	12	15	18
Internal Bond	Min	EN319	N/mm^2	0.65	0.65	0.65	0.65	0.65

The results as listed are based on the minimum specification requirements for Tricoya manufactured by MEDITE EUROPE DAC. All parameters are in compliance with EN 622 parts 1 & 5. No formaldehyde is added to the acetylated softwood fibres during manufacture of Tricoya. Free formaldehyde is less than 1.0mg/100g using EN 120 test method, complying with the lower levels required by CARB phase 2.

MACHINING/FINISHING

Tricoya may be cut, machined and used in the same way as other wood-based panels. There is no change in machinability. Tricoya is delivered with a 120 grit sanded finish. It may be sanded with finer papers to achieve smoother surfaces. Water based coating systems may be used to decorate Tricoya.

Tricoya may be successfully coated with melamine papers; laminates and foils. Exterior adhesives such as epoxy, polyurethane, phenol-resorcinol resin and EPI should be used conforming to EN301 Type I.

FIXINGS

All mechanical fasteners that may be wetted or are in direct contact with the panel, including screws, hinges, fixtures and fittings, should be manufactured from Stainless Steel EN 3506 type A2 or A4 or ANSI type 304 or 316. Internal handles and other furniture elements that are normally used in dry conditions and are not in direct contact with the panel may be made from typical suitable material.