Scan for more Red Alert Wall information

RED ALERT 12

Red Alert Wall

Red Alert Wall provides a stable, straight and consistent solution.

The stability of Red Alert eliminates the need for packing and straightening during the build. It can substitute for MGP 10 and MGP 12 and its increased capacity may allow for wider stud spacing and smaller jamb studs.

Red Alert 12 Features:

- Strong and light Smart LVL 12
- Straight, no twists and warps
- Coloured Red for easy identification
- JD4 joint strength group
- H2S treated to AS/NZS 1604.1
- Range providing superior properties and characteristics to MGP10 and MGP12
- Precision docking of studs available on request.

SmartFrame Warranty

All SmartFrame Engineered Wood Products (EWP) are covered by a warranty against material and workmanship defects and are guaranteed to perform as specified when stored, installed, and finished in accordance with SmartFrame installation instructions.

SMARTFRAME BY TILLING

Sales 1800 33 77 03
Technical 1300 66 86 90
www.tilling.com.au

ORIGIN VERIFIED · H_2O SHIELD · TERMITE · PEFC · AUSTRALIAN TRUSTED TRADER

RED ALERT 12

SMARTFRAME® BY TILLING

Comprehensive Range

Red Alert 12 offers a comprehensive range:

35mm Wide
70 | 90 | 120 | 140 | 190

45mm Wide
70 | 90 | 140

Refer to your relevant state sales team for available sizes and lengths.

H_2O Shield® Short-term Water Repellent

Red Alert 12 comes with a clear short-term water repellency. H_2O Shield is a high penetrating water-based surface treatment formulated to repel rain during storage and construction.

Certified

Red Alert 12 is a third party product certified by a JAS-ANZ accredited body as being manufactured in conformance with AS/NZS 4357 structural laminated veneer lumber.

Treatment Options

Red Alert 12 products are H2S treated as standard for protection against termite attack in areas South of the Tropic of Capricorn. Post production H2 and H3 treatments are available on request.

	Section size		Characteristic values, MPa								
Stress grade	Depth mm	Breadth mm	Bending (f'_b)	Tension parallel to grain (f'_t)	Compression parallel to grain (f'_c)	Shear in beam (f'_s)	Average modulus of Elasticity parallel to the grain (E)	Bearing perpendicular to the grain (f'p)	Tension perpendicular to grain (f'tp)	Design Density (kg/m3)	Joint Group
SmartLVL 12 LVL[2][3]	70 90 140 190	35 and 45	46.0 46.0 42.7 40.6	20 20 20 9.2	30	4.5	12000	10	0.5	580	JD4
MGP10	70 to 140 190 240 290	35 and 45	17 16 15 14	7.7 7.1 6.6 6.1	18 18 17 16	2.6 2.5 2.4 2.3	10000	10	0.5	500	JD5[1]
MGP12	70 to 140 190 240 290	35 and 45	28 25 24 22	12.0 12.0 11.0 9.9	24 23 22 22	3.5 3.3 3.2 3.1	12700	10	0.5	540	JD4

1. If heat excluded, Joint Group is JD4.
2. For beams with a depth greater than 90 mm, f'_b has been multiplied by $(90/d)^{0.167}$ where d is the depth of the member.
3. For tension members with the larger cross sectional dimension exceeding 150 mm, f't has been multiplied by $(150/d)^{0.167}$ where d is the larger cross sectional dimension of the tension member.

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DOD-6588