

Fire Hazard Performance of Timber Veneers

The following table is the 'formal assessment summary' from the Exova Warringtonfire Aus Pty Ltd regulatory information report (No. RIR 45982.9). The purpose was to demonstrate compliance of veneered panels as wall and ceiling linings with the BCA Specification C1.10a. For more detailed information please refer to the above report, your supplier or please refer to 'Fire Hazard Requirements for Veneers' on the *Publications* page of the TVAA website www.timberveneer.asn.au.

Lining Construction		Performance		
		Group Number	Average Specific Extinction Area (m ² /kg)	SMOGRA (m ² /s)
Performance				
Material	Particleboard 6mm minimum thickness and Dry Density nominally 700kg/m ³	3	<250	-
	MDF 6mm minimum thickness and Dry Density 560kg/m ³ to 740kg/m ³	3	<250	-
	Pyrotech flame retardant MDF 12mm minimum thickness and Dry Density 560kg/m ³	2	-	<100
	FLAMEBLOCK™ FRMDF 12mm minimum thickness and Dry Density 710kg/m ³	2	<250	-
Veneers for all Substrates				
Thickness	0.6mm to 0.85mm (Nominal)			
Dry Density	Veneer density > 500kg/m ³ for Particleboard and MDF substrates and > 350kg/m ³ for Pyrotech flame retardant MDF substrates and > 350kg/m ³ for FLAMEBLOCK™ FRMDF substrates			
Adhesive Material	PVA			
Position of Veneers	A timber veneer shall be applied to each face, though does not have to be of the same species on each side.			

