

Rigid Insulation

Switchpanel

GENERAL

Switchpanel, also known as Typanel, insulating panel is a paper based phenolic laminate. It is designed to comply with AS1795-1983 and has been certified for use in Australia by Testing and Certification Australia.

APPLICATIONS

Domestic and Industrial metering panels, Switchboard insulating panels and Supports.

PROPERTIES

Physical	Unit		
Colour	Black - Satin finish		
Standard thicknesses	mm	3.2 to 25	
Sheet size	mm	2440 x 1220	
Mechanical & Electrical	Switchpanel or Typanel		
Design Specification	AS 1795.1 1983		
Test method	AS 1795.1 1983		
Tensile strength			
	lengthwise	Mpa	130
	crosswise	Mpa	110
Flexural strength			
	lengthwise	Mpa	170
	crosswise	Mpa	140
Impact strength (12.7mm) parallel			2600
Shear strength		Mpa	100
Water absorption		mg	112
Insulation resistance		MΩ	500
Dielectric strength (edge to edge)		kV	12
Temperature Index		°C	110
Lamination Test (96 Hour Boil)			No delamination
Flame Test			500mm