



Switchpanel Type X

NON CONDUCTIVE INSULATION PANELS FOR SWITCHBOARDS

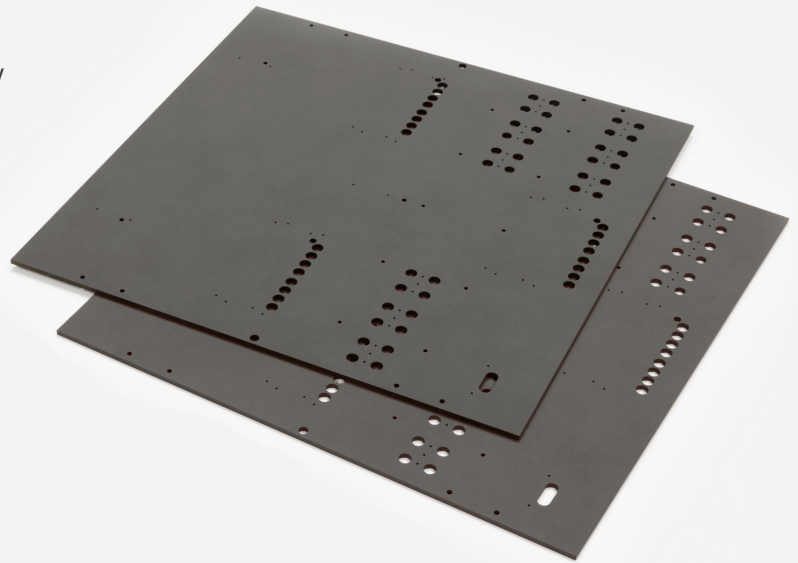
Switchpanel Type X is a fibre reinforced plastic which is impregnated with thermosetting phenolic resin manufactured for electrical insulation purposes. With good electrical properties, it has excellent workability with normal fabrication techniques.

Features

- Anti tracking coating
- High resistance to moisture and chemicals
- High mechanical and impact strength

Applications

- Switchboard panels
- Bus bar supports
- Meter boards



Sizing and Machining

Standard Sheet Size: 1,220mm x 2,440mm

Nominal Thickness: 3.0mm to 25.0mm

We provide a full machining and fabrication service, delivering everything from cut-to-order sheets to complex fully-finished components. Available for short-run or volume-based orders.

Technical Information

Material: Fibre Reinforced Plastic with Thermosetting Phenolic Resin

Colour: Black

Specification: AS 1795.1

Technical Data	Procedure	Units	Value
Stiffness	Three Point Bend Test	Nmm ² /mm width	3mm thick = 23.7 x 10 ³
			5mm thick = 130.3 x 10 ³
			10mm thick = 865.2 x 10 ³
Electrical Insulation Resistance	AS 1795.1 - 1983	MΩ	>10
Wear Resistance	Taber H 174, 1 H18 Calibrate	Cycles	50% surface pattern removed = 50 Pattern and colour removed = 375
Impact Resistance	CSIRO Ice Canon Test		38mm Dia ice ball @ 47m/sec
Moisture Resistance	AS 1795.1 - 1983	%	<1
Steam Resistance	AS 2098.2 - 1977		10hrs steam @ 200kPa No delamination



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