



Switchpanel Type X

Switchpanel Type X is a phenolic resin based board with a non-conductive surface, suitable for mounting electronic meters, dials, fuses etc. These are fully cured phenolic resin boards that provide a durable panel with long term structural stability and excellent chemical and moisture resistant properties.

Features:

- Easy to Clean
- Non Sparking
- Non Corrosive
- Chemically Inert
- Non Conductive
- Steam Resistant
- Excellent Workability
- High Impact Resistance
- Good Abrasion Resistance
- Good Dimensional Stability
- Very Low Water Absorption
- Good Temperature Stability
- Resistant to Microbial Attack
- Good Stiffness Characteristic for Sheet Weight/Thickness

Characteristics:

<u>Property</u>	<u>Result</u>	<u>Method</u>
Electrical Insulation Resistance	: > 10 Megohms	AS 1795.1 - 1983
Wear Resistance @ 50 cycles	: 50% Surface pattern removed	Taber H 174, 1 H18
@ 375 cycles	: Pattern and colour removed	
Impact Resistance	: ~1mm Indentation	CSIRO Canon Test 38mm Dia Projectile @ 47m/sec
Moisture Resistance	: < 1%	AS 1795.1 - 1983
Steam Resistance 10 h @ 200kPa	: No Delamination	AS 2098.2 - 1977

Rigidity - Three Point Bend Test; Typical Plate Stiffness “D” Characteristic:

<u>Thickness</u>	<u>Result</u>
3mm	: 23.7×10^3 Nmm ² /mm width
5mm	: 130.3×10^3 Nmm ² /mm width
10mm	: 865.2×10^3 Nmm ² /mm width

Availability:

- Sheet Size** : 2400mm x 1200mm
- Thicknesses** : 3mm, 5mm, 6mm, 10mm, 12mm up to 25mm
- Surface Finish** : Matt or Gloss finish

Associated Gaskets stock a large range of Switchpanel and is sold by the sheet or can be cut to suit your requirements. For more information, please visit our website or call your nearest AG branch.

Visit: www.agaus.com.au

Phone: 1300 098 060

Important

This information should not be treated as a substitute for specific technical advice. AG does not offer such advice and cannot warrant the performance or suitability of products for particular applications.