

TYPE X

SWITCHPANEL

BUILT FOR AUSTRALIAN SWITCHBOARDS.

STRENGTH | STABILITY | SAFETY



Key Features

- High dielectric strength and electrical insulation performance
- Excellent arc and track resistance for switchboard environments
- Stable mechanical properties under heat and load
- Flame-retardant, self-extinguishing formulation
- Low moisture absorption and high dimensional stability
- Resistant to creep, distortion, and electrical fatigue
- Maintains mechanical integrity after prolonged electrical stress
- Non-conductive, asbestos-free, and halogen-free composition



Applications

- Switchboard panels, barriers, and backplates
- Busbar supports, spacers, and mounting blocks
- Electrical insulation for low-voltage switchgear assemblies
- Transformer and motor control panels
- Power distribution boards and control cabinets
- Terminal covers, shrouds, and protective shields
- Insulating components for machinery and equipment
- Structural insulation for electrical and mechanical separation
- Replacement material for traditional phenolic and paxolin sheets



Product Details

Property	Value
Material	Paper base, phenolic resin
Thickness Range	3 mm to 16 mm (others on request)
Standard Colour	Black and Grey (others on request)
Surface Finish	Satin / Smooth on both sides
Machining	CNC compatible; suitable for drilling, routing, shaping



Type X Switchpanel is a high-quality, paper-reinforced thermoset composite manufactured from premium phenolic resin under heat and pressure.

The result is a dense, rigid, electrically insulating sheet designed to perform under demanding switchboard and industrial environments.



MISCO Australia offers in-house CNC machining to tailor GPO-3 epoxy sheets to your specifications:

- Accepted file formats: DXF, DWG, PDF
- Physical sample reverse engineering available
- Cut, drilled, slotted, profiled, and deburred parts.
- Batch or one-off production available on request.

- ✓ Switchboard Builders
- ✓ Power Generation
- ✓ Renewable Energy
- ✓ Transformer Manufacturing
- ✓ Rail Infrastructure
- ✓ Energy

- ✓ Industrial Machinery
- ✓ Manufacturing
- ✓ Automotive & Aerospace
- ✓ Defence
- ✓ Oil and Gas
- ✓ Electrical and Electronics

