

Typical Symonite FR Ultra Specification

- All cladding shall be Australian Made non-combustible Symonite FR Ultra aluminium composite panel comprising of a 1.45mm solid aluminium core sandwiched by 0.8mm thick fibre reinforced phenolic layers on both sides bonding two (2) outer skins of 0.5mm thick aluminium.

Aluminium

Aluminium skin shall be;

- 0.5mm thick
- Tensile Strength 120Mpa
- Yield Strength 0.2% offset 115Mpa
- Elongation \geq 12%
- Hardness: 36 Brinell
- Panel Weight: 8.7kg/m² (approximately 4mm)

Finishes

- The face side shall be factory prefinished by the manufacturer with PVDF based coating applied through a continuous coil coating process.
- Total dry film thickness shall be 25 microns minimum consisting of an inhibitive primer and metallic or solid coating on the top.
- Panel shall be supplied Good One Side unless otherwise specified.
- The finished surface shall be factory protected with a self-adhesive peel off protective film. The peel off protective film shall be removed as soon as practicable after installation, but not more than three (3) months.
- Application of PVDF based coating system by means of spray coating after forming and shaping of the cladding elements shall not be permitted.
- The back side of the panel surface facing the wall shall have mill finish aluminium unless otherwise specified.

Handling and Processing

- Symonite FR Ultra shall be processed as recommended by the manufacturer Australian Panel Products in accordance with technical documentation.
- Symonite FR Ultra shall be stored horizontally on a flat surface in a dry environment free from possible contaminants.

All the latest supporting documents shall be referred to on the company website

www.symonite.com.au