



PRODUCT DESCRIPTION

- Manufacturer and product reference:
 - **Altro Fortis Titanium wall protection** by Altro Limited
- Extruded semi-rigid PVCu sheet, EU Grade
- **Area of use:**
 - Public areas subjected to high levels of traffic, circulation areas, corridors, classrooms
- Width: 1220 mm
- Length: 3000mm
- Thickness: 2.5 mm
- Surface finish: textured
- Colour: TBA
- **Guarantee – 20 years**
- Adhesive: AltroFix™ W157 / W139 depending on substrate and application
- Fire rating:
 - **EN 13501-1** B-s3, d0
- Maximum service temperature: 60°C
- The Altro quality and environmental management systems are certified according to ISO 9001:2015 and ISO 14001:2015
- CE and UKCA approved

Property	Standard	Performance
Density (g/cm ³)	ISO 1183	1.44
E-modulus of elasticity (MPa)	ISO 527	3600
Impact resistance (kJ/m ²)	ISO 179/1eU	Without breakage
Notched impact resistance (Charpy) (kJ/m ²)	ISO 179/1eA	11.8
Flexural strength (MPa)	ISO 178	70-77
Tensile strength (MPa)	ISO 527	52
Shore-hardness D	ISO 868	75
Thermal conductivity - 'K Value' (W/mK)	EN 12524	0.17
Coefficient of expansion (10 ⁴ /K)	DIN 53752	0.07mm/mK
Compressive strength (N/mm ²)	DIN 53454	68
Vicat softening point (°C)	ISO 306	72-74
Heat distortion temperature (°C)	ISO 75-2	60
Water absorption (%)	ISO 62	≤ 0.1%
Fire Performance	EN13501	B-s3, d0