



# TENDER TEXT

## Altro Whiterock™ Chameleon Hygienic Wall Cladding

### PRODUCT DESCRIPTION

- Manufacturer and product reference:
  - **Altro Whiterock Chameleon W160/W161** hygienic wall cladding by Altro Limited
- Extruded semi-rigid PVCu sheet, EU Grade
- **Area of use:**
  - Bathrooms, Showers and changing areas, operating theatres and wards, splash backs
- Width: 1220 mm
- Length: 2500 (W160) or 3000mm (W161)
- Thickness: 2.5 mm
- Surface finish: Gloss
- 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 <sup>3</sup> )	ISO 1183	1.41
E-modulus of elasticity (MPa)	ISO 527	3500
Impact resistance (kJ/m <sup>2</sup> )	ISO 179/1eU	Without breakage
Notched impact resistance (Charpy) (kJ/m <sup>2</sup> )	ISO 179/1eA	2.9
Flexural strength (MPa)	ISO 178	94
Tensile strength (MPa)	ISO 527	59
Shore-hardness D	ISO 868	80
Thermal conductivity - 'K Value' (W/mK)	EN 12524	0.17
Coefficient of expansion (10 <sup>4</sup> /K)	DIN 53752	0.08mm/mK
Compressive strength (N/mm <sup>2</sup> )	DIN 53454	70
Vicat softening point (°C)	ISO 306	80
Heat distortion temperature (°C)	ISO 75-2	60
Water absorption (%)	ISO 62	≤ 0.1%
Fire Performance	EN13501	B-s3, d0