



Altro Whiterock™ Chameleon Hygienic Wall Cladding

Tender text

PRODUCT DESCRIPTION

- Manufacturer and product reference:
 - **Altro Whiterock Chameleon W160/W161** hygienic wall cladding by Altro Limited telephone 8000 444 7649
- 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:
 - **BS 476 Part 7** surface spread of flame - Class 1
 - **BS 476 Part 6** fire propagation - Class 0*
 - **EN13501-1** B-s3, d0
- Maximum service temperature: 60°C
- The Altro quality and environmental management systems are certified in accordance with ISO 9001 and ISO 14001

Property	Standard	Performance
Density (g/cm ³)	ISO 1183	1.38 – 1.42
E-modulus of elasticity (MPa)	ISO 527	3870
Impact resistance (kJ/m ²)	ISO 179/1eU	82.5
Notched impact resistance (Charpy) (kJ/m ²)	ISO 179/1eA	2.9
Flexural strength (MPa)	ISO 178	105
Tensile strength (MPa)	ISO 527	69.2
Shore-hardness D	ISO 868	85
Thermal conductivity - 'K Value' (W/mK)	EN 12524	0.17
Coefficient of expansion (10 ⁴ /K)	DIN 53752	9 x 10 ⁻⁵
Compressive strength (N/mm ²)	53454	70
Vicat softening point VST/B (°C)	ISO 306	80
Heat distortion temperature (°C)	ISO 75-2	60
Water absorption (%)	ISO 62	0.09
Fire Performance	EN13501	B-s3, d0
Flammability		
Surface spread of flame	BS 476 Part 7	Class 1
Fire propagation	BS 476 Part 6	Class 0*

(*when fixed to a non-combustible substrate)