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CI/SfB reference
(43) T (U47)

June 2014

Altro Whiterock FR™ hygienic wall cladding

Data sheet

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Economical standard grade for general purpose use. Also suitable where sheet may come into contact with food.

Description

Extruded semi-rigid PVCu sheet.

Colour:	White
Surface finish:	Satin
Thickness:	2.5mm
Size:	2500 x 1220mm 3000 x 1220mm
Weight:	3.5 kg per m ²
Maximum service temp:	60°C

Altro Whiterock FR PVCu extruded sheet is supplied with a protective film on its face which can be left in place until the room is ready for use.

This also helps to protect the surface from dust while other trades are in the area. It is ideal for applications requiring a hygienic easy-to-clean, almost maintenance free wall finish, which conforms to international hygiene requirements.

Fixing

The sheets can be fixed directly to most dry substrates depending on its surface suitability, using one of the following methods:

1. AltroFix™ W139 all over adhesive
2. AltroFix™ W157 all over adhesive

Cutting

A jigsaw is the best method, however a fine toothed hand saw or circular saw with pressure guide can also be used.

Jointing

- see relevant detailed drawings

1. A high impact extruded PVCu 'H' joint trim (available in two part or single part profiles), incorporating a watertight seal at the mouth of the joint, which is unique to Altro Whiterock FR.
2. Colour co-ordinate Altro Whiterock FlexiJoint™.
3. Hot welded joint - ask for details
4. A powder coated aluminium "H" joint used for extra impact or heat resistance.

Internal/external corners

- see relevant detailed drawings

Altro Whiterock FR is normally thermoformed on-site, so that window and door reveals are neatly clad without an edge joint. However, profiles are available for the self-installer to cope with these details. Vulnerable external corners are usually over-clad with stainless steel corner protectors, to a height of 1200mm.

Cleaning

Regular cleaning using a soft cloth and a suitably diluted mild detergent is all that is normally required. Stubborn marks can be removed with Altro Cleaner A859 or non-abrasive domestic type cream bath cleaner.

Do not use abrasive pads or wire wool.

Do not clean above 60°C.

Cleaning cards are available on request.

Chemical resistance

Resistant to a wide range of chemicals, specific details on request.

Availability

Ex-stock.

Storage & conditioning (on-site)

Sheets should be stored flat, fully supported and left for 24 hours to attain the ambient room temperature prior to installation (min 14°C).

Limitations of use

Altro Whiterock FR has a maximum working temperature of 60°C. For temperatures above this use stainless steel. Stainless steel must be used for all open flame areas (available cut to size). If a layout showing the position of equipment can be supplied, we will provide specific advice as to the best combination of materials to use.

Typical applications

- Kitchens

Technical data

Property	Standard	Values
Density (g/cm ³)	ISO 1183	1.39
E-modulus of elasticity (Mpa)	ISO 527	3550
Impact resistance (KJ/m ²)	ISO 179/1ea	>10
Flexural strength (Mpa)	ISO 178	79.8
Tensile strength (Mpa)	ISO 527	48
Shore-hardness D	ISO 868	79
Thermal conductivity - 'K Value' (W/mK)	EN12524	0.16
Water absorption (%)	ISO 62	≤ 0.1%
Moisture vapour transmission rate (MVTR)	ASTME96	≤ 0.120 g/m ² /24hrs
Light reflectance values (LRV)	D65 artificial daylight	95
Reaction to fire	EN13501-1	B - s2, d0
Voc Emissions	AgBB M1	Compliant Compliant
Hygiene	ISO 22196	>99.9% Antimicrobial

for further information or technical advice

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