Altro Whiterock™ hygienic wall systems

April 2026

Data sheet

Altro Whiterock™ Whiteboard

Altro Whiterock Whiteboard functions like a traditional whiteboard, you can write directly on the wall with a dry erase marker. Altro Whiterock Whiteboard extruded sheets are hard coated for added scratch resistance.

Description

Extruded semi-rigid PVCu sheet.

Colour:	White
Surface finish:	Gloss
Thickness:	2.5mm
Size:	2500 mm x 1220 mm
	3000 mm x 1220 mm
Weight:	3.6 kg/m^2
Maximum service temp:	60°C

Altro Whiterock 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.

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 fully bonded system (permanent / hygienic) AltroFix™ W157 fully bonded system (permanent / hygienic)
2. Removable hook and loop system (temporary/non-hygienic)
3. Using a 1 part MS polymer adhesive applied in a grid pattern (permanent/non-hygienic)

Cutting

Cutting to be carried out using a fine tooth circular saw with TCT cutting blades and pressure guide, fine tooth blade jigsaw, a fine tooth handsaw, a high speed TCT router.

Jointing

1. A 2-part high impact extruded PVCu ‘H’ joint trim incorporating a watertight seal at the mouth of the joint. The trim is colour matched to the sheet.
2. Butt jointing - A flush seamless joint where the two square edges of the Altro Whiterock Whiteboard sheets are butted together – If more than 4 sheets are installed in a continuous design please call Altro technical services to discuss expansion detailing
3. Mastic Joint – it is recommended that contrasting colour is used due to the possibility of pen ink staining
4. Welded joint – it is recommended that a contrasting colour of weld rod is used due to the possibility of pen ink staining

Please see relevant detailing drawings and fitting guides.

Internal / external corners

Corners of Altro Whiterock Whiteboard cannot be thermoformed, in these circumstances the internal corners can be scribed and butted into the corner and sealed with silicone sealant. The external corners can be fitted using an 20 mm x 20 mm PVC angle (A839).

Cleaning

Wipe clean with a soft cloth after every use, taking care to remove all pen residue that can accumulate along trim edge. Regular cleaning using a soft cloth and a suitably diluted mild detergent is all that is normally required.

Caution

In case of permanent marker being used on the product, no not use ketone solvents e.g. acetone to remove the mark. Top tip: Draw over the mark with a dry-wipe marker, allow to dry and then wipe clean. Care should be taken not to wipe over any joints as this will lead to staining along the edges.

Chemical resistance

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

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 Whiteboard has a maximum working temperature of 60°C. When Altro Whiterock Whiteboard is installed as a single sheet with the hook and loop installation method or with the MS Polymer adhesive installation method, it is considered to be a fixture and fitting and not subject to Approved Document B (fire safety) of the building regulations.

Typical applications

- Operating rooms
- Nurses' stations
- Patient rooms
- Boardrooms
- Chef boards
- Education

Our Technical Services Department is available for advice on 01462 707600.

Technical data

Property	Standard	Value
Surface finish		Gloss
Thickness		2.5 mm
Size		2500 mm x 1220 mm 3000 mm x 1220 mm
Weight		3600 g/m^2
Density	ISO 1183	1.44 g/cm^3
Maximum service temperature		60°C
Hardness (Shore D)	ISO 868	76
Fire resistance	EN 13501-1	B- s3, d0 (Fully bonded with AltroFix adhesive only)
Notched Impact resistance	ISO 179/1ea	9.5 KJ/m^2
Impact resistance	ISO 179/1eU	+20°C without breakage 0°C without breakage -20°C without breakage
Flexural strength	ISO 178	78 MPa
Tensile strength	ISO 527	53 MPa
E-modulus of elasticity	ISO 527	2980 MPa
Compressive strength	DIN 53421	68 N/mm^2
Vicat softening point VST/B	ISO 306	73°C
Expansion coefficient	DIN 53752	0.07 mm/mK
Heat distortion temperature	ISO 75-2	60 °C
Water Absorption	ISO 62	≤ 0.1%
Thermal Conductivity	EN 12524	0.17 W/mK
"U" value (bonded to 100mm block wall)	DIN 52612	1.8 W/m^2 °C
Moisture Vapour Transmission rate (MVTR)	ASTM E96	≤ 0.12g/m^2/24hrs
Water vapour resistivity	ASTM E96	3.82 x 10^{5}GN.S/Kg.m

For further information or technical advice
tel: 01462 707600
email: enquiries@altro.com or www.altro.com

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