Altro wall systems

Data sheet

Altro Tegulis™

September 2025

Altro Tegulis tile-effect wall panels offer an alternative to traditional tiles for wet rooms, bathrooms, kitchens, and retail spaces. The custom-etched grout lines offer a hygienic solution eliminating the cleaning and repair issues often associated with tiles. Altro Tegulis is suitable where sheet may come into contact with food.

Description

Extruded semi-rigid PVCu sheet.

Colour:	Various
Surface finish:	Satin
Thickness:	2.5mm
Size:	Contact Altro for details
Maximum service temp:	60°C

Altro Tegulis 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 UK and European 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 fully bonded system
2. AltroFix™ W157 fully bonded system
3. AltroFix™ W639 fully bonded system

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. Half-lap joint - an engineered edge which matches the adjacent sheet and combined with Altro sanitary sealant to form a secure and watertight joint
2. Interlocking joint - the edge profile interlocks with the adjacent sheet giving an almost invisible joint between sheets. This jointing solution is ideal for dry environments

Internal / external corners

Internal corners are normally butt jointed and sealed with Altro sanitary sealant. External corners can be finished with the A953 ShowerKit trim.

Vulnerable external corners are usually over-clad with stainless steel corner protectors.

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 a 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.

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). Sheets should be stored between 14°C – 27°C and must not be stored outside in direct sunlight as distortion can occur.

Limitations of use

Altro PVCu wall sheets have a maximum working temperature of 60°C. For areas that exceed these maximum temperatures, such as direct heat sources or where there is exposure to naked flames (examples being air fryers, heat vents, cookers, oven ranges, wall-mounted griddles etc.) it is recommended that stainless-steel sheets are used. Where installations of stainless-steel sheets are to be included, the stainless steel must extend at least 300mm beyond the heat source to ensure protection of these localised areas is maintained. If a layout drawing highlighting areas where heat may be of concern can be provided, specific advice can be provided as to the best combination of materials to use.

Typical applications

- bars /cafes / restaurants
- care homes - kitchens and bathrooms
- supermarket counters
- student accommodation – kitchens and bathrooms

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

Technical data

Property	Standard	Value
Surface finish		Satin
Thickness		2.5 mm
Size		Contact Altro for details
Weight		3300 g/m^2 - 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
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 105GN.S/Kg.m

For further information or technical advice
tel: 01462 707600
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