

Installation Instructions

SureProtect EVO

Data Sheet: Page 1 of 3 DCL/DW Feb 2022

NOTE

To achieve the Declaration of Performance Fire Classification, SureProtect EVO can **ONLY** be applied directly to Fermacell® fibre gypsum board substrate and bonded with the recommended adhesive as depicted below:

Material must be installed in environmentally controlled conditions.

Recommended Tooling

- **SPM (Gerflor Group) Mastic-Colle Universel Mastic adhesive**
- **Mastic gun with the nozzle cut to allow for a 5mm bead**
- **Roller**
- **Circular saw + Aluminium carbide blade (min 40 teeth)**
- **SPESC310Silicon Sealant colour matched**

1. Allow the SureProtect EVO sheet to lie flat at room operating temperature for 24 hours prior to installation. During installation, the wall and wallcovering must be 15°C or above. The wall must be dry and free of dirt, dust, loose paint, wax and grease. Any coatings applied to the wall to improve cleaning may affect the adhesion. All such coatings must be removed. Dependent on substrate, priming may be required. If fitting over a floorcovering that runs up the wall, then it is crucial that it is properly adhered to prevent a wave effect at the bottom of the sheet.

Bellow the dimensional variations of the panel according to the temperature:

Temperature in °C	Dimensional variations (in mm for 1m linear)	Comments
15	-1	Minimum temperature
20	0	Perfect temperature
25	1	Maximum temperature

WARNING: Installing SureProtect EVO sheet material in conditions other than the operating temperature of the installation can lead to problems of ‘bubbling’ or shrinkage.

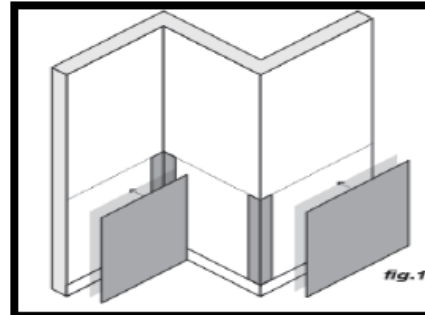
2. Either a colour matched joining trim (SPEUFT) or a top cap trim (SPETC) may be used as part of the installation for joining or finishing. Cut each item to the appropriate length using conduit cutters and slide them onto the sheet prior to applying adhesive.
3. If cutting is required, score the sheet using a heavy-duty utility knife fitted with a straight blade, ensuring to score along the cut line at least twice before cutting the panel using a circular saw. When a butt joint is needed, leave a 2 to 3mm gap between sheets to allow for expansion (see table above)
4. Apply the recommended Mastic Colle Universel Adhesive in line with the guidance below.
5. Once the sheet is correctly positioned on the wall, to ensure proper bonding, apply an even pressure using a roller across the entire surface.

Fitters Tips: Always use a laser level, a sharp blade, a good straightedge to score along and a multi-tool for cutting out tricky parts such as plug sockets and pipework

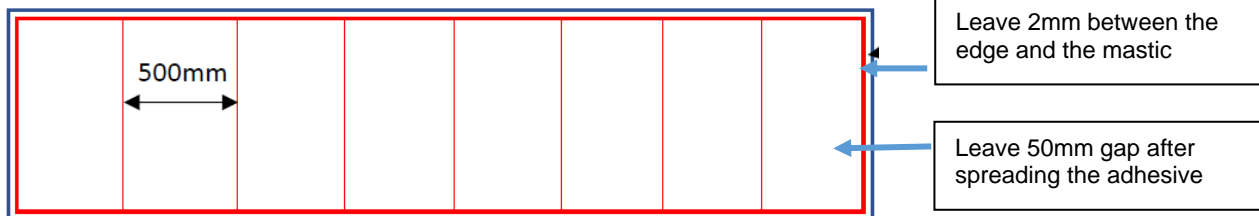
Installation Instructions

SureProtect EVO

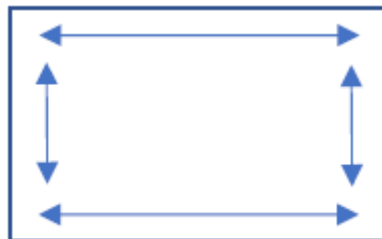
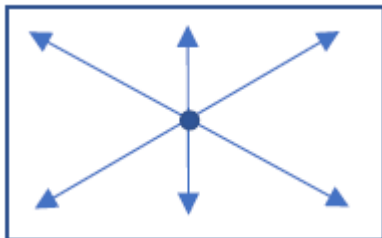
Data Sheet: Page 2 of 3 DCL/DW Feb 2022



Application of the Mastic Adhesive:



- Apply an 5mm mastic bead around the sheet border near the edges and vertically every 500mm
- Flatten and spread the mastic with the A2 spatula
- Place your panel on the substrate
- Roll out any bubbles with a roller diagonally and edge to edge



- Clean away any surplus adhesive
- Fill any joints with SPESC310 colour matched Silicone sealant
- Clean the panels

NB: The following cleaning materials should not be used:-

- Toluene
- Ethanol
- Acetone
- Paint thinner
- White Spirit

It is recommended that before using any cleaning substance that it is tested on a small sample for compatibility.

Recommended adhesive products for SureProtect EVO

Gradus Limited Park Green Macclesfield Cheshire SK11 7LZ England UK Tel: 01625 428922 Fax: 01625 433949
For enquiries outside the UK and Eire contact Gradus International on +44 (0)1625 613780

Installation Instructions

SureProtect EVO

Data Sheet: Page 3 of 3 DCL/DW Feb 2022

The adhesive stated below has been tested and approved to give satisfactory bonding of SureProtect EVO to the substrate and to ensure fire performance classification to EN 13501-1 Class B-s1,d0.

Manufacturer	Product reference
SPM	Mastic-Colle Universel

“Mastic Colle Universel” – is a polymer based multi-purpose sealant adhesive especially suited to the bonding of SureProtect EVO.

Application of the Mastic Colle Universel adhesive must be actioned in strict accordance with the manufacturers and SPM backed application instructions.

Technical information

Storage	Store between 5°C and 35°C
Curing time	Minimum 24 hours ideally 48 hours
SPM Multi- Purpose Sealant	MS polymer-based sealant. Solvent free, odorless. Does not contain isocyanate. Ideal for flexible bonding
Application	Can be applied by hand or gun on to clean, dust free surface

Coverage

Tube size	Spreader	Coverage
Supplied in 290ml tubes	Using an A2 trowel or gun	Total adhesive required - 1 tube per sheet

Finishing Accessories

Product Reference	Description
SPEUFT	Universal Finishing Trim
SPETC	Top Cap trim
SPESC310	Silicone Sealant