

Installation Instructions

SureProtect Endure® SPE15

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Material must be installed in environmentally controlled conditions.

1. Allow the SureProtect Endure sheet to lie flat at room operating temperature for 24 hours prior to installation. During installation, the wall and wallcovering must be 18°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.

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

2. A 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 through using a hook blade. When a butt joint is needed, leave a 2 to 3mm gap between sheets to allow for expansion.
4. Once the sheet is correctly positioned on the wall, to ensure proper bonding, apply an even pressure using a roller across the entire surface.
5. Seal with silicone sealant or use the universal finishing trim. When using silicone sealant, it is paramount to ensure the joint and immediate area is clean and free of dust and debris.

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.

Recommended adhesive products for SureProtect Endure® SPE 15 - PVC-u Sheet

Note - only the adhesives stated within the installation document have been tested to ensure a satisfactory bond and provide the strict fire performance requirements necessary when bonding SureProtect Endure cladding to walls.

Gradus Adhesive

The adhesives stated below have been tested and approved to give satisfactory bonding of SureProtect Endure® to the substrate and to ensure fire performance to EN 13501-1 of Class B Fire / s3 Smoke.

	Manufacturer	Product Reference	Contact Number	Website
1	Gradus	Gradus Grip WGE1	+ 44(0)1625 428922	www.gradus.com

Gradus Grip WGE1 adhesive is especially suited to the bonding of SureProtect Endure and is supported by a 10-year warranty when used in accordance with recommendations.

Application of Gradus Grip WGE1 adhesive must be actioned in strict accordance with the application instructions. Please see www.gradus.com for further information.

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Other Adhesives

The adhesives stated below have been tested and approved to give satisfactory bonding of SureProtect Endure® to the substrate and to ensure fire performance to EN 13501-1 of Class B Fire / s3 Smoke.

	Manufacturer	Product Reference	Contact number	Website
1	F. Ball and Co. Ltd	F46	+44 (0) 1538 361 633	http://www.f-ball.co.uk/

Application of the named adhesive must be actioned in strict accordance with the relevant manufacturers' instructions. If you have any queries regarding adhesives, please contact the adhesive manufacturer directly.

Gradus Limited provides this information only as guidance and the legal responsibility for the supply and performance of the adhesives listed above shall remain the sole responsibility of the relevant manufacturer. By providing this information, Gradus Limited does not imply any equivalence between each of the different manufacturers' products, or that other products would prove unsatisfactory. However, use of adhesives not recommended by Gradus should be supported by a guarantee from the adhesive supplier for **satisfactory bonding** and to maintain strict **fire performance**.

Finishing Accessories

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