

Installation Instructions

SureProtect Endure® Rubrails

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R2 - Rubrails

Material must be installed in environmentally controlled conditions.

1. Allow the Rubrails to lie flat at room operating temperature for 24 hours prior to installation. During installation, the ideal temperature for the wall and wallcovering is between 16°C and 18°C. 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.

WARNING: Installing SureProtect Endure Rubrails material in conditions other than the operating temperature of the installation can lead to problems of 'bubbling' or shrinkage. Any tests on heating or air-conditioning systems for the premises must be carried out before fitting the Rubrails.

2. Using a laser level to define the correct installation height, ensure that accurate measurements have been taken to define the correct size requirements. Rubrails can be cut to length using a craft knife, using several progressively firmer scoring marks along the cutting line. Ends should be de-burred using a fine file.
3. Whenever possible, for a length of Rubrail longer than 3m it is recommended to even out the lengths (i.e. for a 3.5m length consider using 1.75m and a 1.75m length instead of a 3m and a 0.5m)
4. For all Rubrails it is recommended to use F.Ball's F46 or Uzin's KE 2000S adhesive. The adhesive should be applied as per manufacturer's instructions to the back of the Rubrail or for narrow Rubrails it is possible to use a standard paint roller at a coverage rate of 1 liter per 3m². When adhering to porous or difficult surfaces, it may be necessary to apply a thin coat of adhesive to the substrate also. Make any allowances for the adhesive to dry off, as per adhesive manufacturer's instructions, before it is then ready to be offered to the wall for bonding.
5. Once the Rubrail 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.

Recommended adhesive products for SureProtect Endure PVC-u - Rubrails

The adhesive stated below has been tested and approved to give satisfactory bonding of SureProtect Endure to the substrate and to ensure fire performance to EN 13501-1 Class B-s3,d0.

Gradus Limited provides this information only as guidance and the legal responsibility for the supply and performance of the adhesives listed below 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**.

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.

	Manufacturer	Product Reference	Contact number	Website
1	F. Ball and Co. Ltd	F46	+44 (0) 1538 361 633	http://www.f-ball.co.uk/
2	Uzin	KE 2000 S	+44 (0) 1788 530 080	http://www.uzin.co.uk/