

LIQUID ROOFING



FIX-R Liquid Roofing System is a low odour, solvent-free, single component, fleece reinforced liquid roofing and waterproofing system, ideal for both commercial and domestic applications.

Description

FIX-R Liquid Roofing System is a one-component liquid waterproofing system and is Isocyanate free, contains no solvents, has very low volatile organic compounds (VOC) and does not require classification or marking as a hazardous substance.

It is fully reinforced with a polyester membrane and cures through contact with the moisture in the atmosphere.

Recommended Uses

- New build, repair or refurbishment projects
- Flat roofs, balconies, terraces, walkways
- Complex detailing, up-stands, penetrations and terminations
- Recoating failed single ply roofs
- Fountains and water features (Not suitable as a pond liner or where aquatic life is present)
- Warm roofs, cold roofs, and inverted warm roofs
- Internal plant rooms and wet rooms
- Heritage properties and lead replacement
- Waterproofing gutters, valley gutters and drainage channels
- Encapsulate asbestos or fibre cement
- Waterproofing profiled metal roofs

Advantages & Benefits

- Cost effective wet-on-wet application
- Minimum wastage - unused product can be stored and reused*
- Water repellent on application
- Ready to use, single liquid component
- Fully reinforced with polyester fabric
- Can be applied all year round above 5°C
- Can be re-coated without the need for primers or abrasion
- Strong adhesion to most conventional substrates
- Excellent elasticity and tensile strength
- Resistant to standing water
- No shrinkage
- UV stable
- Vapour permeable
- Virtually odourless
- Solvent-free
- Extremely low VOC's
- Life expectancy can be extended by adding further coats at the end of the warranty period

*Sealed and then stored between 5°C - 35°C

Components

Bucket sizes:	4 litre, 15 litre
FIX-R Fabric sizes:	25m x 1m wide, 25m x 250mm wide or 25m x 100mm wide
FIX-R Jointing tape:	25m x 100mm self adhesive reinforcing
FIX-R Stain Blocker Primer:	4 litre bucket
FIX-R GP Primer:	4 litre bucket

Approvals

Road Hazardous Products Regulations	Not regulated
Authorizations and/or restrictions on use	This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Technical Characteristics

Base Material	Solvent-free, single component modified polyurethane
Density	Approx. 1.52g/cm ³
Colours	Mid-Grey
Application Temperature	5°C to 45°C
Coverage Rate	1.2 L/m ² (minimum) - subject to substrate and application conditions
Storage Life	Original sealed containers: 12 months @ 5°C - 35°C
Foot Traffic	Not suitable for heavy foot traffic

Application Conditions

- Application temperature should be in the range of 5°C to 45°C.
- Please be aware of the effect of dew - our recommendation is that the substrate temperature should be at least 3°C higher than the temperature at which dew forms - i.e. the 'Dew Point'.
- Do not apply FIX-R Liquid Roofing if rain is imminent or likely to fall during application.

Surface & Product Preparation

- Surfaces must be free from dust, loosely adhering particles, chippings, oil, grease, algae, mildew or fungal growth.
- While FIX-R Liquid Roofing system can be applied to damp surfaces the moisture content of the substrate must be less than 7%.
- All surfaces must be primed before application with the relevant FIX-R Liquid Roofing primer. Please refer to the primer data sheets for more information please contact our Technical Department for advice on 01480 466777.
- If adhesion is in doubt, perform an Adhesion Test.
- Stir the product thoroughly with a mechanical mixer (2-3 minutes) and allow to settle for a few minutes to allow any entrapped air to dissipate.
- In winter conditions, the product will thicken and the coverage rate may be difficult to achieve. It is recommended to store the product in a warm place immediately prior to its use. Alternatively the unopened container can be stood in a container of warm water to bring the liquid up to a useable temperature.

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