

ROOF DECK ADHESIVE (WBA)



FIX-R Roof Deck Adhesive (WBA) is a non-flammable, acrylic resin based product specifically developed to bond fleece backed polymeric roof membrane to a range of roof deckings.

- Coverage rates of up to 3 - 4m² per litre
- Non Flammable, low odour adhesive
- Fast Application rates

Refer to FIX-R Technical Department for acceptable substrates and conditions for the FIX-R Roof Deck Adhesive (WBA)

Description

The adhesive develops excellent strength over time, making it suitable for use on flat roofs conforming to current building regulations and where if needed an efficient damp proof course or vapour barrier exists.

This is a high-strength, acrylic based adhesive allowing for fast, effective bonding of FIX-R Membranes to timber flat roofing substrates. Offering superior peel strengths without solvents or strong odours. Available in 2.5L, 5L & 15 litres, ready mixed for use and non-flammable.

This adhesive is designed to be roller applied and used as a one sided, wet lay in adhesive on flat roof decking surfaces.

Suitable Surfaces

FIX-R Roof Deck Adhesive (WBA) will bond FIX-R EPDM Membrane to a range of conventional timber roof surfaces e.g. plywood, OSB.

All boards should be resistant to moisture but not sealed with adhesive repellent waxes or other non-absorbent systems. If in doubt a small test area should be laid.

Certain roof surfaces may not be suitable for use with this adhesive, for example, non-porous roof decks or those of low vapour permeability, i.e. metal or existing GRP.

Surface Preparation

- 1 Surfaces should be clean, dry, frost free and free from dust, grease, loose material and other contaminants.
- 2 For timber and composite boards the surface must be sound and not be degraded.
- 3 An effective vapour or damp membrane should be incorporated in the roof structure especially where the roof is insulated. Effective roof venting should be provided to ensure that condensation and trapped moisture are allowed to escape.

Application

- 1 Applied using a medium pile roller to achieve to an approximate coverage rate of 3 - 4m²/litre. A larger quantity of adhesive is necessary for open texture and rough surfaces.
- 2 The adhesive has a long effective open time, ranging from approx. 5 to 15 minutes after application assuming average UK weather conditions. The roof sheet should be laid into the adhesive during this period and pressed firmly into the adhesive with a broom or roller.
- 3 The effective open time range will be reduced by higher temperatures in the summer months. Care should be taken to ensure the membrane is laid into the adhesive before membrane grabs.
- 4 Regular checks should be made to ensure the adhesive completely transfers to the reverse of the sheet and is bedded in place after consolidating. The roof sheet should be pressed into the wet adhesive to ensure full adhesion, smooth membrane and remove any trapped air.
- 5 Prolonged job site storage at temperatures in excess of 30°C may affect product shelf life.
- 6 Ensure recently laid roof area is adequately protected against the elements. Protect adhesives from frost.
- 7 This should not be used below 4°C or if the temperature will drop below that during curing period.

FIX-R Roof Deck Adhesive (WBA)

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| Base | Acrylic Resin, Non flammable |
| Viscosity | Approx. 50,000 Centipoises |
| Colour | Cream |
| Tack Life | 5 - 30mins |
| Coverage | Approx. 3 - 4 m ² /ltr |
| Shelf Life | 12 months between 5°C and 30°C |

Before using this product please ensure that you have been supplied with and have read carefully the following information:

- 1 The product labels
- 2 FIX-R Roof Deck Adhesive (WBA) Material Safety Data Sheet

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