



FLAT ROOFING

# ROOFING FELT ADHESIVE



## Superior bond.

**A cold applied bitumen adhesive for bonding and sealing roofing felts.**

### Description

FIX-R Roofing Felt Adhesive is a cold, brush applied, black, oxidised bitumen-based adhesive used to bond successive layers of roofing membranes or roofing membranes to concrete, asphalt, metal, plywood, OSB 3 and similar surfaces. FIX-R Roofing Felt Adhesive is also used for sealing laps on bituminous membranes. As a gritting adhesive, FIX-R Roofing Felt Adhesive bonds roof chippings to roofing membranes and mastic asphalt.

Note: FIX-R Roofing Felt Adhesive contains a solvent, which can attack certain insulations (i.e. expanded polystyrene). If its use is considered with materials other than roofing felts or normal roofing products, please contact our Technical Services Department to confirm its suitability. Being solvent based, FIX-R Roofing Felt Adhesive is suitable for use throughout the year, although its use should be avoided if rain is expected shortly after application. Drying times may be extended in low temperatures. Application is limited till a maximum slope of 15%.

### Directions for use

Application temperature should be between +3°C and +27°C. All surfaces must be clean, dry and free from grease, oil, dirt and loose material.

To fix roofing membranes to plywood, concrete and similar decks, FIX-R Roofing Felt Adhesive should be used in the strip bonding method. Concrete decks should be primed with FIX-R Quick Dry Bitumen Primer. Strips of the FIX-R Roofing Felt Adhesive should be brush applied approximately 100mm minimum wide (with a 100mm gap in between strips) to cover 50% of the roof area. The roofing should be positioned and unrolled into the adhesive. All lap joints must be fully sealed. On timber boarded decking, the first layer should be fixed using 20mm large head galvanized clout nails, stagger nailed at 150mm centres in both directions. Overlap adjacent sheets by 75mm minimum and nail along lap at 50mm centres.

Lap joints should also be sealed with FIX-R Roofing Felt Adhesive prior to nailing the lap. Fix intermediate layers and top sheets with a full bond of FIX-R Roofing Felt Adhesive. The cold-applied adhesive should be brushed over the full area of the section to be fixed. When tacky (after about 15 minutes) the roofing should be unrolled into the adhesive.

Note: To assist with the application and the correct positioning of the roll, it is advised that before applying the adhesive the roofing sheet is unrolled into the correct position and marked, then rolled back to the centre and the adhesive applied between the marks. Unroll the sheet into the adhesive, smoothing out any air pockets, and repeat process for the other half of the roll.

Side and end laps should be 75mm minimum and fully sealed. Ensure laps on the top sheet do not occur at overlaps in the previously applied underlay. It is suggested that the first sheet of underlay (or intermediate layer in a three layer system) is installed as a half width sheet, by this method the lap joint in the cap sheet will always coincide with the centre of the preceding layer.

Install membranes starting at the lowest section of the roof (the drainage point) and work with successive layers up the roof slope. All lap joints should be with the fall and not restrict the flow of water from the roof. To obtain a clean finish to top sheet laps, the cold applied adhesive should be carefully spread so that there is no surplus beyond the finished edge of the lap. Membrane upstands and detail work should always be formed with separate pieces and be fully bonded in FIX-R Roofing Felt Adhesive. Upstands to brickwork etc. should finish beneath a lead flashing, or be dressed into a chase in the mortar joint.

When the adhesive is nearly dry (approx. 6 hours) the roof should be inspected and any sections not adhering properly should be firmly pressed or rolled down.

When used as a gritting adhesive, the coating of FIX-R Roofing Felt Adhesive should be blinded with the grit or chippings within 30 minutes of application. FIX-R Roofing Felt Adhesive can also be used to seal the lap joints of nailed roofing membranes, applied to pitched roof garden buildings.

### Coverage

As a roofing felt adhesive: 1.0 to 1.5m<sup>2</sup>/litre

As a gritting adhesive: 0.7m<sup>2</sup>/litre for 12mm chippings 1m<sup>2</sup>/litre for 3mm chippings.

### Cleaning

White spirit

### Packaging

5L & 25L cans

### Storage

Containers should be kept sealed in a cool, dry, well-ventilated environment and all practical precautions taken against fire. Partly used containers may be resealed and used again after correct storage. To avoid the risk of spillage, always store and transport in a secure upright position.

### Shelf Life

3 years in sealed packaging.

### Health & Safety

Keep container tightly sealed and away from direct heat. Keep away from sources of ignition. No smoking. Avoid contact with skin and eyes. Should there be contact with skin, wash immediately with soap and water or a recognized skin cleaner. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In the event of accidents, seek medical attention immediately.

Do not empty into drains. Do not allow solvent vapour to enter the air intakes of the ventilation systems of buildings. A separate safety datasheet is available on request to FIX-R.

### Fire

In case of fire, use foam, dry powder, carbon dioxide or sand.  
Never use water.



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