

FIXER

FLAT ROOFING



PAINTS & PRIMERS

A range of easy to apply paints and primers

PRODUCT SELECTOR & APPLICATION GUIDE

PAINTS & PRIMERS



Roofing Felt Adhesive

Quick Dry Bitumen Primer

Bitumen Primer

Black Bitumen Paint

Aluminium Paint

All Weather Roof Coat

Paint

Existing substrate



ROOFING FELT ADHESIVE

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, it bonds roof chippings to roofing membranes and mastic asphalt.



Notes: 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 to a maximum slope of 15%.

Directions for Use

Application temperature should be between +3 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 membrane 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 membrane should be unrolled into the adhesive.

QUICK DRY BITUMEN PRIMER

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

0.67 - 1m²/kg or 1 - 1.5kg/m²

Packaging

5L & 25L

Cleaning

White Spirit

Shelf Life

3 years in sealed packaging

To prepare and stabilise surfaces prior to applying roofing felt and flashing tapes, which dries in 30 minutes.

Description

A fast-drying bitumen priming solution designed to seal and prepare dry or slightly damp surfaces for the application of bitumen waterproofing products and systems. Drying time is approximately 30 minutes at 20°C, depending on the substrate. No residual tack.



Directions for Use

May be applied to many substrates including concrete, brickwork, zinc, metal and existing bitumen roofing. For use with bitumen membranes and liquid FIX-R maintenance products.

Application

Application temperature should be between +3 and +27°C ready for use. All surfaces must be clean, dry and free from grease, oil, dirt and loose material. Smooth metal surfaces, where necessary, should be prepared with a wire brush. If moss or lichen is present this must be removed and the surface treated with Algae and Fungi Remover applied in accordance with its application instructions before proceeding.

Apply FIX-R Quick Dry Bitumen Primer in one coat with a brush, roller or airless spray gun. Apply a thin even coating, brushing well into the surface. Do not allow material to pool or collect in depressions.

Allow drying thoroughly before proceeding with the application of other bitumen products. Drying times may be extended in low temperatures.

Note: Use only in well-ventilated areas, or with respiratory apparatus, away from all sources of ignition. Precautions must be taken to prevent the solvent vapour entering the ventilating systems of buildings.

Coverage

Metal	10 - 15m ² /Litre; 70 - 100ml/m ²
Concrete	3 - 4m ² /Litre; 250 - 300ml/m ²
Bitumen	± 5m ² /Litre; ± 200ml/m ²
Fibre cement	10 - 12m ² /Litre; 85 - 100ml/m ²

Packaging

5L & 25L

Cleaning

White Spirit

Shelf Life

Maximum 3 years in sealed container

BITUMEN PRIMER

Seal and prepare surfaces for Bituminous waterproofing products.

Description

A bitumen priming solution designed to seal and prepare surfaces for the application of bitumen waterproofing products and systems.

Drying time at 20°C is approximately 2-3 hours, depending on the substrate and the weather conditions.



Directions for Use

FIX-R Bitumen Primer may be applied to many substrates including concrete, brickwork, metal and existing bitumen roofing and is suitable for use with bitumen membranes and liquid FIX-R maintenance products.

Note: Bitumen Primer is not rust inhibitive; bare metal should first be coated with a rust inhibiting primer

Application

The substrate needs to be sound, clean and grease-free. Should algae or fungi be present, this must be removed with a stiff broom and the surface treated with Algae and Fungi Remover.

Apply FIX-R Bitumen Primer in one coat with a brush, roller or airless spray gun.

Make sure the primer is dry before applying bituminous membranes or liquid FIX-R products.

Note: Use only in well-ventilated areas, or with respiratory apparatus, away from all sources of ignition. Precautions must be taken to prevent the solvent vapour entering the ventilating systems of buildings.

Coverage

Metal	10 - 15m ² /Litre; 70 - 100ml/m ²
Concrete	3 - 4m ² /Litre; 250 - 300ml/m ²
Bitumen	ca 5m ² /Litre; ca 200ml/m ²
Fibre cement	10 - 12m ² /Litre; 85 - 100ml/m ²

Packaging

5L & 25L

Cleaning

White Spirit

Shelf Life

Maximum 3 years in sealed container

BLACK BITUMEN PAINT

All purpose paint for the protection of external metal, concrete and brickwork, ready to use, brush applied.

Description

A general-purpose bitumen paint that provides protection for a range of substrates including iron; steel; concrete; brickwork; fibre cement and zinc. FIX-R Black Bitumen Paint provides protection for all outdoor constructions below ground or in contact with the ground.



Directions for Use

Suitable for use on all types of concrete and brickwork, construction plinths, septic tanks, drainpipes, wooden garden posts, concrete, metal, reservoirs, railway sleepers and drainage channels. FIX-R Black Bitumen Paint provides ideal protection for all materials in contact with groundwater.

Note: In common with all bitumen paints, FIX-R Black Bitumen Paint weathers to a matt black finish, and cannot be overcoated with conventional oil based paints. Do not apply to surfaces previously treated with a tar-based product. Drying times may be extended during low temperatures.

Application

Application temperature should be between +3 and +27°C. FIX-R Black Bitumen Paint is ready for use and should not be thinned. The substrate needs to be sound, fixed, clean and free of dust and rot.

Loose or blistered existing paint finishes should be removed. Prime iron and steel surfaces with a suitable rust inhibiting primer, which must be thoroughly dry before over painting. Galvanised surfaces should be roughened with a wire brush or treated with a suitable etching primer.

Apply by brush, a minimum of two coats recommended. Allow each coat to dry 2-4 hours before applying the next.

Coverage

Metal surfaces	8-10m ² /Litre per coat
Concrete and timber	4-6m ² /Litre per coat

Packaging

5L & 25L

Cleaning

White Spirit

Shelf Life

Maximum 3 years in sealed container

ALUMINIUM PAINT

A solar reflective roof paint, reduces heat gain on roofs.

Description

FIX-R Aluminium Paint is a solar reflective coating suitable for the protection of metal and bituminous roofs against the effects of UV and heat ageing.

Directions for Use

FIX-R Aluminium Paint may be applied to a wide range of substrates including metal, bitumen coatings and bitumen membranes. Its bright aluminium colour gives good heat, UV and light reflective properties, ideal for reducing solar heat gain on dark coated roofs, tanks and similar surfaces.

Note: Do not apply to mastic asphalt roofing or on coal tar bitumen.

Application

Application temperature should be between +3 and +27°C. Surfaces must be dry, clean and free from grease, oil, dirt or any other contaminant that may impair adhesion. If moss or lichen is present, this should be removed and the surface treated with a fungicide in accordance with its application instructions and allowed to dry before proceeding. Highly absorbing and bitumen substrates should be treated first with FIX-R Quick Dry Bitumen Primer.

Stir thoroughly before use and during application to ensure an even distribution of the aluminium pigment.

Apply FIX-R Aluminium Paint over the roof surface with a soft broom or roller. For maximum durability and reflectivity, 2 coats should be applied. Allow the first coat to dry thoroughly before the application of the second coat, normally after 24 hours, depending on the temperature and the weather conditions.

If FIX-R Aluminium Paint is to be applied over existing bitumen coatings it is important that such treatments are thoroughly dry (i.e. applied at least 14 days before) and that care is taken to see that brushing is kept to a minimum to prevent softening of the substrate.

To ensure maximum reflectivity and performance, surfaces should be repainted every 3 to 5 years.

Coverage

6 - 8m²/Litre per coat, depending on the surface
125 - 165ml/m² per coat, depending on the surface

Packaging

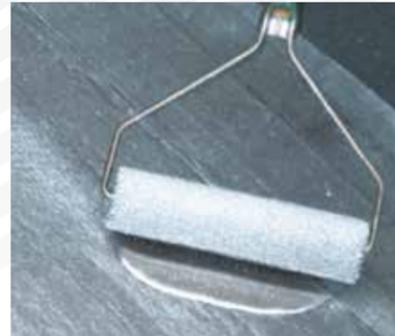
5L & 25L

Cleaning

White Spirit

Shelf Life

Maximum 3 years in sealed container



ALL WEATHER ROOF COAT

Seamless waterproof coating to prolong the life of flat roofs.

Description

FIX-R All Weather Roof Coat is a flexible, bituminous coating containing reinforcing fibres and designed for easy application to protect and prolong the life of existing roofing systems. The ideal solution for protecting and rejuvenating your roof.

Surface Preparation

All surfaces must be clean, dry and free from grease, oil, dirt and loose material. Destroy any moss or lichen growth using Algae and Fungi Remover and prime the surface being treated with FIX-R Quick Dry Bitumen Primer and allow to dry.

Metal surfaces, where necessary, should be prepared with a wire brush.

Prime iron and steel with suitable rust inhibitive primer, and allow to dry thoroughly. Any blisters and cracks present in the existing roof surface should be repaired using a Universal Roof Repair Compound.

Application

Stir FIX-R All Weather Roof Coat thoroughly and then apply an even coating using a brush at a rate of 2m²/litre. Allow product to dry thoroughly (approximately 24 hours) and then apply a second coat at right angles to the first at a rate of 2m²/litre. For additional ultraviolet protection, slate flakes or chippings can be immediately sprinkled onto the top coat whilst still wet.

Coverage

2m²/litre/coat

Packaging

5L & 25L

Cleaning

White Spirit

Shelf Life

Maximum 3 years in sealed container



FIX-R

FLAT ROOFING

PAINTS & PRIMERS

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