



ROOFING PRODUCT APPLICATION GUIDELINES

PRODUCT APPLICATION GUIDELINES / PAGE 1 OF 2

ROOF FLEX FLEXPOL



DESCRIPTION

Roof Flex Flexypol is a solvent based acrylic coating, incorporating synthetic fibres, and is designed specifically for the long term maintenance of domestic and industrial roofs. The product provides a tough yet flexible seamless coating with excellent crack bridging properties.

USES

Roof Flex Flexypol provides an effective all weather treatment for the remedial repair of leaking roofs. It can be applied in damp weather conditions where it will resist water wash-off and cure to produce a water impermeable membrane. It has excellent adhesion to a wide range of building materials, including asphalt, bitumen, concrete, brickwork, slate, metal and plastic guttering etc. Do not use on styrofoam or pvc foil, or in areas where subsequent solvent or oil contact is likely. Not for use on polycarbonate roofs.

DIRECTIONS FOR USE

Surface Preparation: The surface to be treated should be free from loose dirt, oil and grease contamination, stone chippings, lichen, moss and standing water. Although Roof Flex Flexypol can be applied to damp surfaces, dry surfaces will ensure optimum adhesion. Fungal growth should be removed and the area treated with Fungicidal Wash. Metal surfaces should be wire brushed to remove loose scale or dust. Stick down any loose felt and use mastic to fill any holes. For most applications Roof Flex Flexypol can be applied direct to the substrate without priming. However with very porous surfaces such as concrete or asbestos sheeting, adhesion can be improved by first applying a coat of a Roof Flex Bitumen Primer.

APPLICATION

Roof Flex Flexypol is applied to the prepared substrate by brush or roller at the recommended rate of 1-2kg/m², ensuring an even coverage free from pinholes. The product will fill and bridge cracks up to 10 mm wide, but where wider cracks are present these should be covered with a suitable flexible scrim bedded into the coating. On damp substrates Roof Flex Flexypol should first be worked into the surface with a brush or roller to disperse excess moisture and ensure a good bond. Immediately afterwards, further product is then brushed onto the surface.

CLEANING

After use clean all equipment immediately with White Spirit.

STORAGE

Roof Flex Flexypol should be stored in a cool, dry place away from sources of ignition or naked flames. Shelf life is a minimum of 12 months in unopened, sealed containers.

SAFE HANDLING

Roof Flex Flexypol is a solvent based product and therefore care should be taken to avoid contact with skin and eyes. Ensure adequate ventilation and do not smoke when using the product. For further information please refer to the Health & Safety Data Sheet.

DISPOSAL

Do not empty into drains. Remove excess product from tools before cleaning. Some local authorities have special facilities for the disposal of waste liquids.



ROOF FLEX BITUMEN PRODUCTS

PREPARATION (APPLIES TO ALL PRODUCTS)

Ensure that all surfaces are clean, dry and free from oil, grease dirt and organic growth. All traces of organic growth should be removed using a stiff bristle brush or low pressure water jet. The surface should then be treated with a proprietary fungicidal wash. Any metal surfaces showing advanced signs of corrosion should be treated with a rust inhibitor such as red oxide. Any remedial work to the substrate should be completed prior to the application of surface coatings.

BITUMEN PRIMER

For use on porous surfaces before remedial roof treatments, including flashing tape and torch on felt applications. Can be used on metal, concrete, asbestos cement, slate, lightweight concrete sheds, roofing felt, fibre cement and asphalt. Apply by brush or spray in one even coat. Bitumen Primer may be applied to slightly damp surfaces but do not apply in wet weather, when rain is threatened or when poor drying conditions exist. Bitumen Primer is resistant to water within 20-30 minutes. It is essential after priming concrete or screeded surfaces the coating is completely free of solvent and therefore a safe drying time of two hours should be allowed. Coverage is approximately 6-8m² per litre depending on the porosity of the surface.

BLACK BITUMEN PAINT

For waterproofing and weather protecting steelwork, concrete, metal and corrugated iron. Suitable for fire escapes, stairways, ladders, storage tanks, gutters and downpipes, railings and gates, and the protection of concrete structures, stone, brick and sand/cement. Porous surfaces should be thoroughly clean, dry and primed with Bitumen Primer or Black Bitumen Paint diluted with 20% white spirit. On bare metal a rust inhibiting product such as red oxide or zinc phosphate should be applied and allowed to harden. On surfaces previously covered with a bituminous compound, any dirt, grease and loosely adhering material must be removed by brushing or washing. Apply a minimum of two coats of Black Bitumen Paint, allowing the first coat to dry before applying the second. The product may bleed through any paints subsequently applied over it. Bitumen Paint has limited UV resistance and may lose its shine and gradually degrade in exposed conditions. Overcoating with a suitable solar reflective coating is advised. Apply a primer recommended by the paint manufacturer before overpainting. The product should be applied between -10°C and +30°C. Coverage on metal and other smooth surfaces is approximately 10m² per litre, or less for porous surfaces.

ROOFING FELT ADHESIVE

A solvent based cold applied bituminous adhesive for bonding successive layers of roofing felt. Porous surfaces should be treated with a coating of Bitumen Primer and allowed to dry thoroughly. Allow adhesive to develop a tacky surface before overlaying with felt (approximately 15 minutes to one hour dependent on weather conditions). NB—if the felt is applied too soon, the drying time of the adhesive will be extended. The felt should be rolled immediately after laying to expel any trapped air. When felting upstands, adhesive should be applied to both substrate and felt. Timber roofs should have the first layer of felt nailed down with subsequent layers bonded with Roofing Felt Adhesive as described. Roofing Felt Adhesive can be used to bond overlaps on single layer felt installations that are nailed to timber substrates. The lap area should be completely coated and pressed firmly together to expel trapped air. The lap should then be nailed with galvanised clout head nails to ensure a secure bond. Coverage is approximately 1 litre per 0.25m² to 1 litre per 2m² dependent on porosity of the surface. Laps only—1 litre per 25 linear metres of 75mm overlap. Drying times will vary and are dependent on weather conditions and thickness of application. After use, replace lid firmly and shake to ensure airtight seal. Shelf life is indefinite if container is kept sealed and stored in dry conditions at temperatures between 8°C and 25°C.

SOLAR REFLECTIVE PAINT

A solvent based bituminous paint containing aluminium flakes to provide a solar reflective finish for bituminous roof surfaces, steel and corrugated iron. Application must be in 2 coats, the second coat being applied 24 hours after the first. Freshly applied coatings should be allowed to weather for three to four weeks prior to the application of the Solar Reflective Paint. Stir the container thoroughly before use ensuring that no deposits remain at the bottom of the tin and that a silver sheen is visible on the surface of the paint. Apply using a brush, roller or spray. Do not brush excessively as this may cause softening of the substrate and staining. Do not apply in wet weather, when rain is threatened or when poor drying conditions exist. Coverage is approximately 5 - 10m² per litre dependent on the condition of the surface. Store in a tightly sealed container in a cool, dry place away from all sources of ignition. Storage life is approximately 12-18 months. Solar reflective paint could cause gassing if moisture enters the tin. Do not apply in temperatures below 5°C.

ALL WEATHER ROOFING COMPOUND

A bituminous solution for overall waterproofing of roofs which can be applied to dry surfaces all year round. For waterproofing most types of surfaces including: galvanised steel, iron, zinc, asbestos cement, asphalt and bituminous roof coatings. Moderate surface cracking to felt and asphalt may be filled with Trowel Mastic. Badly cracked surfaces should be covered with a layer of roofing felt bedded in Roofing Felt Adhesive. Stir well before use and apply using a brush. Apply two coats at a rate of 1-1.5m² per litre. Allow the first coat to dry before applying the second. Do not apply in wet weather or when drying conditions are poor. On overlaps of roofing sheet materials and slates subject to flexing, a glass membrane treatment bridging overlaps is recommended. The membrane should be bedded into the first coat of All Weather Roofing Compound while still wet.