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TECHNICAL DATA SHEET TDS226
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WEATHERSTOP

DESCRIPTION

WEATHERSTOP is a heavy duty, solvent based bituminous roof coating, compounded with fillers and fibres. It is of a brushable consistency

USES

WEATHERSTOP is an effective, general purpose roof coating. It is resistant to wash off by rain almost immediately after application and is therefore particularly suited to winter use. WEATHERSTOP may be applied by brush or spray to waterproof and reseal many different types of roof covering, including:

- Asphalt roofs
- Built-up felt roofs
- Concrete roof decks
- Asbestos cement sheeting
- Metal sheeting, including iron, steel, zinc and lead
- Slates and tiles

WEATHERSTOP may be used in conjunction with a rot-proof hessian reinforcement scrim or glass fibre scrim.

WEATHERSTOP may also be used as a Vapour Barrier.

The product is not suitable for use in silage pits.

ADVANTAGES

- * **EASY TO APPLY**
Brushable consistency or with spray equipment.
- * **EFFECTIVE**
Good waterproofing properties
- * **DURABILITY**
Tough, fibre reinforced for strength

TECHNICAL DATA

Appearance:	Black
Specific Gravity	0.97
Solids Content	55%
Flash Point	40°C
Application Thickness:	200 – 400 microns (2/3 coats)
Service Temperature:	-10 to +75°C
Fire Rating BS476 Part 3	External AA

COVERAGE

Coverage: 1.0 – 1.5 m² per litre per coat
Normally a two coat application.

PACKAGING

WEATHERSTOP is available in 1, 2.5, 5, 25 litres

METHOD OF USE

Surface Preparation

Correct preparation is essential for the successful application of coatings such as WEATHERSTOP.

All cracked, broken, slipped or missing slates, tiles, sheets or other forms of covering should be replaced or re-fixed and cracks in felt or asphalt filled.

Roof surfaces to be coated should be dry, sound, stable and free from loose debris, dirt, dust and grease. All traces of algae and fungi must be physically removed and the area then treated with FUNGICIDAL WASH.

Asphalt Roofs:

On asphalt roofs where blisters have occurred, these should be heated with a blowlamp until soft and then smoothed out. If the asphalt is crumbling or badly cracked it should be replaced.

WEATHERSTOP is applied by brush in 2 coats, the first being allowed to dry before the second is applied.

Built-Up Felt Roofs:

Remove any loose chippings and carry out preparatory work as detailed above. Minor marks and defects will be effectively filled and covered by the WEATHERSTOP coating but where these are wider than 0.75mm they should first be filled with BITUMEN MASTIC and the mastic allowed to dry.

Blisters in roofing felt should be opened out, cleaned with a stiff bristled brush and coated with WEATHERSTOP at 1.5m² per litre. The coating should be allowed to set until it is tacky and then the felt re-fixed by nailing it down.

Reinforced Concrete:

Carry out preparatory work. If the deck is new it should first be allowed to cure and then primed using BITUMEN PRIMER at 6 – 8 m² per litre.

Lightweight Concrete:

Carry out preparatory work. Allow the structure to cure. A glass fibre felt underlay (complying with BS747 Part 2 : 1970 Class 3B) should be partially bonded to the surface using FELT ADHESIVE. The felt should be lapped, sealed and adequate ventilation provided for the materials beneath it. WEATHERSTOP and a glass membrane should then be applied.

Asbestos-Cement Sheetting

Carry out preparatory work. It is particularly important to ensure that the Asbestos-Cement is not saturated with water before protective coating commences. Wait until the sheetting is dry and then apply one coat of BITUMEN PRIMER. Allow the primer to dry and then apply two coats of WEATHERSTOP each at 1m² per litre, allowing the first coat to dry before application of the second.

Metal Surfaces:

Any rust on the surface should be removed by wire brushing and then treating the metal with an appropriate rust inhibitor such as RED OXIDE PRIMER. WEATHERSTOP is then applied in 2 coats at 1.5m² per litre per coat.

Slates and Tiles:

Carry out preparatory work and re-fix any loose or damaged slates or tiles. Apply WEATHERSTOP incorporating a fibreglass membrane.

Application of Reinforcing Membranes:

Use of a reinforcing membrane is recommended in all cases where roofs are in a poor condition, in order to bridge cracks and fissured and provide a long lasting repair.

Having prepared the surface apply a first coat of WEATHERSTOP at 1m² per litre and immediately roll in the glass fibre membrane ensuring it is well embedded into the coating without trapping air.

The membrane should be lapped by 50 – 75mm and the inside of each lap painted with WEATHERSTOP. Small gaps and differences in levels should be bridged ensuring that the membrane is not stretched too tight to allow for structural movement.

At walls and parapets, continue the membrane vertically for at least 150mm and secure using self adhesive 150mm wide SEALOFLASH banding, allowing 75mm to be in contact with the brickwork above. Apply a second coat of WEATHERSTOP and allow this to dry.

Final Treatment:

For maximum durability the top surface should be treated with either stone chippings or a solar reflective finish to avoid an exposed black bituminous surface, Using WEATHERSTOP, a third and final coat should be applied at 1.5m² per litre and while still tacky the film is blinded with 1 – 2mm stone chippings. Alternatively the final WEATHERSTOP coating should be allowed to weather for 2 – 4 weeks and then a solar reflective coating applied using SOLARFILM.

CLEANING OF TOOLS

Immediately after use all tools and mixing equipment should be cleaned with THINNERS NO. 3.

STORAGE

WEATHERSTOP must be stored in cool, well-ventilated, dry conditions away from direct sunlight, naked flames or other sources of ignition. This product will have a twelve month shelf life when stored in these conditions in original unopened containers.

HEALTH & SAFETY

WEATHERSTOP contains petroleum bitumens and solvent and is classified as flammable. Avoid skin or eye contact. Please refer to the relevant Health and Safety Data Sheet for detailed information regarding the safe handling of this product.

We endeavour to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, we have no control over the circumstances in which our product is used and it is therefore important that the end user satisfy himself by prior testing that the product is suitable for his specific application and that the actual conditions of use are suitable. Accordingly, no responsibility can be accepted, or any warranty given by ourselves, our representatives, agents or distributors, other than that the product as supplied by us will meet our written specification. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest product instructions and safety information.

