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TECHNICAL DATA SHEET
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SEALOSHIELD ASBESTOS PROTECTION

DESCRIPTION

SEALOSHIELD ASBESTOS PROTECTION is an elastomeric, encapsulation coating for low risk asbestos containing materials (ACM's) such as asbestos cement products for example, roof and wall cladding, bath panels, gutters and rainwater pipes. SEALOSHIELD ASBESTOS PROTECTION works by encapsulating the asbestos fibres and protecting them against impact damage. It is a convenient, single pack material, easy to apply, non-toxic and free from the hazards of flammable solvents. The cured coating does not contribute to the spread of flame.

USES

SEALOSHIELD ASBESTOS PROTECTION forms a tough, continuous membrane designed to weatherproof and protect old roofs. It is often used to protect surfaces from further erosion after repairs have been completed. It will only however, tolerate light foot trafficking. It can also be applied to concrete, brick, blockwork, asphalt, roofing felt, cement, natural stone, quarry tiles, plaster, slate, iron and steel.

ADVANTAGES

- * **HIGH PERFORMANCE**
Encapsulation properties maintained throughout life.
- * **DURABLE**
Withstands weathering, heat ageing and salt spray exposure.
- * **FLEXIBLE**
Will bridge fine cracks.
- * **VAPOUR PERMEABLE**
Allows the structure to breathe while maintaining waterproofing properties.
- * Available in solar reflective colours.

PRODUCT DATA

General

Appearance: Single pack water based coating

Colours: Grey and Solar Reflective White

Application

Coverage:

Vertical Surfaces: 4.0m² per litre per coat. Dft 125 microns.

Horizontal Surfaces: 2.1m² per litre per coat
Dft 240 microns.

Application Temperature: +4 to 30°C

Service Temperature: -20 to +45°C

Typical Test Results at 20°C

Elongation at Break: 1200% (2.5mm thick)

Water Vapour Permeability:
Film thickness - 300 microns (Equivalent to one coat at 10m² per 5 litres)

Vapour transmission rate - 207g/m²/day
Test Certificate available upon request.

Accelerated Weathering:

When weathered in accordance with DEF 1053 method No. 26, there was no significant deterioration after 1,007 hours accelerated weathering (ie. the service life should be in excess of 10 years).

Salt Spray Exposure:

There was no significant deterioration after 4 weeks salt spray exposure when tested in accordance with DEF 1053 method No. 24.

Temperature Cycling:

After 10 cycles between temperatures of minus 20°C to plus 20°C, a film of SEALOSHIELD ASBESTOS PROTECTION applied to a concrete block showed no loss of gloss, loss of adhesion or cracking, even though the concrete block itself had cracked in several places.

Surface Spread of Flame:

When tested in accordance with BS476 Part 7 gave a Class 1 flame spread classification.

METHOD OF USE

Preparation of Substrate

Remove all loose, flaking and foreign matter, using a wet removal technique to prevent accidental surface damage, e.g. low pressure hosing. Clean down with FUNGICIDAL WASH to remove lichen

For other asbestos containing materials please contact the SEALOCRETE Technical Services Department.

Mixing and Application

Stir well before use to a uniform consistency. Apply SEALOSHIELD ASBESTOS PROTECTION with either brush, or roller. The substrate may be damp, but there must be no actively percolating water. Drying will take about one hour depending on ambient temperature, substrate temperature and humidity. Drying times are delayed in cold weather.

To obtain optimum protection a two coat application of SEALOSHIELD ASBESTOS PROTECTION is necessary. The second coat should be applied as soon as the first is tack free. SEALOSHIELD ASBESTOS PROTECTION is an emulsion based product and should not be applied when freezing conditions are anticipated.

CLEANING OF TOOLS

Tools are easy to clean with water. If SEALOSHIELD ASBESTOS PROTECTION has dried, paint stripper must be used.

STORAGE

SEALOSHIELD ASBESTOS PROTECTION should be stored in a cool, dry place out of direct sunlight and free from frost. When stored in these conditions in original, unopened containers, this product will have a shelf life of twelve months.

PACKAGING

SEALOSHIELD ASBESTOS PROTECTION is available in 10 litre packs.

HANDLING

SEALOSHIELD ASBESTOS PROTECTION is non hazardous but care should be taken to avoid splashes in the eyes and inhaling the vapours. Contains small quantities of bactericide - avoid prolonged contact with the skin. Harmful if taken internally. For further information refer to the relevant Health and Safety data sheet.

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.

