

DESCRIPTION

CAPSEAL-E is a rubberized bitumen protective coating specially formulated for corrosion protection and waterproofing of substrate including metals.

FEATURES

Rubberized Bitumen Coating cures to form a tough, resilient, and flexible film with excellent adhesion to both cementitious and metal surfaces. It also functions effectively as a curing membrane, helping to retain moisture and promote proper hydration of cement.

STANDARDS

Complies with the Performance requirement of B.S 6949

APPLICATIONS

CAPSEAL-E can be used as:

- General waterproofing for most building materials including concrete, asbestos, cement, roofing felt, asphalt, wood, lead, zinc, and corrugated iron.
- As a metal protector which protects against corrosion of pipes, steel structural works, and other metallic surfaces.
- Protection of concrete foundations, retaining wall, column necks, ground beams and other structures liable to be backfilled.
- As a curing membrane for hydration of cement.

ADVANTAGES

- Very effective on various substrates.
- Ready to use and easy to apply.
- Odorless and non-toxic.
- Excellent adhesion on prepared substrates.
- Resists chemicals and salts.
- Effective on damp surfaces.

TYPICAL PROPERTIES

Appearance

Dark brown liquid drying to black coating.

Density

Approx 1.0 Kg/ Liter

Solid % by weight: Approximate 30 %

Toxicity:

Non-toxic.

Service temperature limits:

Approx. up to 80°C depending on operating conditions.

Heat flow resistance:

The cured film will not sag or flow under service conditions.

Chemical and water resistance:

Resistant to water, salt water, dilute acids and alkalis.

Shelf life:

Minimum 12 months in sealed original containers, under recommended storage conditions.

COVERAGE

0.3 to 0.5 kg/m² per coat depending on the irregularity and porosity of the substrate. It may also be noted that application losses are affected by many factors, including wind, application technique, application equipment, and type/profile of the substrate to be coated

DIRECTIONS FOR USE

Surface preparation:

- Concrete surfaces must be clean, sound and free from oil, grease, dirt, dust and loose particles. It is desirable to dampen the surface with water if the concrete or block work is dry.
- Metal surfaces must be wire brushed to remove loose rust, mill scale etc. Wipe off oil and grease from the surface with a suitable solvent.
- If Required any primer coat **CAPSEAL-E** thinned down with the equal amount of water may also be used as a primer.

CAPSEAL-E

RUBBERIZED, EMULSIFIED BITUMEN PROTECTIVE COATING

Method of Application:

- CAPSEAL-E can be applied by brush, broom or squeegee.
- Apply minimum of two coats of CAPSEAL-E with a brush or broom.
- Each coat should be applied at right angles to the previous one to obtain proper coverage and uniformity.
- The first coat must be fully dry before the subsequent coat is applied. Normal drying time is between 1 to 4 hours. In conditions of high humid and cold weather, this may extend up to 12 hours or more.
- If required, blind the final coat with clean sharp sand while it is tacky. It improves heat resistance, premature aging and atmospheric degradation.
- In exposed areas, it is prudent to cover the applied CAPSEAL-E with a protective screed, in order to avoid direct exposure to sunlight. The protective screed will enhance the life of CAPSEAL-E treatment.

CLEANING OF TOOLS

- Dip brush in clean water before and during use, for ease of application. During work break periods place them in water to prevent caking up of the bristles.

- Clean brushes and tools in soap and water immediately after use.
- Dried emulsion can be removed with the help of white spirit, petrol, diesel oil etc.

SAFETY PRECAUTIONS

- CAPSEAL-E is non-flammable and non-hazardous in normal use.
- When the product is wet, it should be removed from the skin by soap and water. But when dry, suitable cleansers like petrol, diesel oil etc. should be used.
- Splashes to eyes should be washed immediately with abundant water.

PACKAGING

CAPSEAL-E is supplied in 15ltr pails and 200 ltr drums.

STORAGE

- Store in sealed conventional containers, protected from extreme weather conditions.
- Stir well before use, if stored for a long time.

TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

Note : The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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