

CAPCOAT

FIBER REINFORCED, RUBBERIZED BITUMEN EMULSION

DESCRIPTION

CAPCOAT is a fiber reinforced, rubberized bitumen protective coating, which meets the required properties of a protective coating used for built up roofs and other exposed surface.

FEATURES

- CAPCOAT is a fiber reinforced bitumen emulsion specially developed for high temperature services.
- On drying, it forms a firm, flexible and continuous coating with good adhesion to screed, concrete, fiberglass mat etc.
- The fiber content prevents the coating from sagging or flowing even at the extreme temperatures, which roofs and other parts of the building reach in summer.

STANDARDS

CAPCOAT complies with the specifications of ASTM D-1227.

APPLICATIONS

- Waterproofing of flat, exposed and pitched roofs as well as kitchens, bathrooms and basements.
- Damp-proofing of concrete basements, walls, floors, block work walls etc.
- Protection of concrete foundations, footings, retaining walls etc. from soil chemicals.

ADVANTAGES

- Suitable for use in both dry and damp surface.
- Easy to apply.
- Ready for use; no mixing or heating required.
- Good weather resistance
- Does not embrittle at low temperatures.
- Good resistance to soil acids and salts.

TYPICAL PROPERTIES

Appearance:

Viscous liquid, dark brown in colour, drying to black flexible coating.

Density:

About 1.040 kg/liter.

Non volatile content:

Minimum 50%.

Flammability:

No tendency to flash or ignite.

Toxicity:

Non-toxic.

Chemical and water resistance:

Excellent resistance to water vapour, salt water, dilute acids and alkalies.

Service temperature limit:

-10 to 100°C depending on operating conditions.

Heat flow resistance:

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

Shelf life:

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

COVERAGE

High built up is possible on account of the thixotropic consistency of the product. Coverage rates vary from 0.5 to 1.0 kg/m² depending on the type of surface and built up thickness. The build up thickness will be approximately 0.5 mm per square meter per kilogram of CAPCOAT.

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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

Method of application:

- CAPCOAT can be applied by brush, broom or squeegee.
- Apply minimum two coats of CAPCOAT with heavily loaded brush or broom. A thick coat can be laid even on vertical surfaces, on account of the thixotropic nature of the product.
- Each coat must 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 high humid and cold weather conditions this may extend upto 12 hours or more.

CLEANING 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.

with water if the concrete or block work is very dry.

- It is recommended to use a primer coat of CAPRIME to ensure proper bonding of subsequent coat. The primer penetrates concrete surfaces, fills pores, hairline cracks etc. and produces an excellent surface for adhesion of CAPCOAT.

- Dried emulsion can be removed with the help of white spirit, petrol, diesel oil etc.

SAFETY PRECAUTIONS

- CAPCOAT is non-flammable and non-hazardous in normal use.
- When the product is wet, it should be removed from skin by soap and water. But when dry, suitable cleaners like petrol, diesel, etc. should be used.
- Splashes to eyes should be washed immediately with abundant water.
- Avoid contact by careful working and use barrier cream or gloves.

PACKAGING

CAPCOAT is supplied in 200 Kg drums and in 15 Kg pails.

STORAGE

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

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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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