



# ADVACOAT

(THIXOTROPIC COLD BITUMEN EMULSION)

## DESCRIPTION

ADVACOAT is an emulsified thixotropic bitumen cold applied protective coating. The coating dries to form a black flexible protective film. The finished film forms a tough barrier to water and vapor transmission.

## USES

ADVACOAT can be used for the following protective application:

- ▶ Underground concrete structures protection from attacks by salts and sulphates.
- ▶ General protection of concrete structures from vapour infiltration to reinforcement steel.
- ▶ General protection of concrete and steel structures from corrosive atmospheres.
- ▶ Asbestos free, odourless and can be applied in confined areas.
- ▶ It is non-toxic and can be used in contact with potable water.

## ADVANTAGES

- ▶ Direct application without any additives or heating.
- ▶ Good yield over porous surfaces.
- ▶ Chemically stable and resistant to salts, sulphates and chloride attacks.
- ▶ No toxic fumes during application.
- ▶ Non hazardous.

## APPLICATION

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease. All surface imperfections, protrusions, structurally unsound and friable concrete must be removed.

The application temperature should be between 5°C to 45°C. Application procedures may vary slightly depending upon site conditions.

Stir the contents of the pail/drum thoroughly prior to application to remove any sediment. The application can be done with a roller, brush or airless spray. Apply the coating at a coverage rate of 1-5m<sup>2</sup>/ltr/coat, depending on the dry film thickness required. When applied at 5m<sup>2</sup>/ltr/coat, the dry film thickness achieved will be 100 microns. Further coats shall be applied only after the previous coat dries off completely. However, the coverage depends on the smoothness and porosity of the substrate and the required thickness of the coating.

## COVERAGE

5 m<sup>2</sup>/ltr/coat will give 100 microns DFT.  
2 m<sup>2</sup>/ltr/coat will give 250 microns DFT.



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## HEALTH & SAFETY

As with all Bitumen products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes immediately with fresh water. Should any of the products be accidentally swallowed, do not induce vomiting call for medical assistance immediately. Ensure that the container is available for medical attendant to examine any relevant instructions and content details.

## CLEANING

ADVACOAT maybe cleaned off the tools with plain water before drying. When dry, it may be removed by cleaning solvents, thinner, kerosene or diesel.

## TECHNICAL SPECIFICATIONS

Form	Thick viscous liquid
Colour	Dark Brown to Black
Density	1.02 + 0.02g/cc
Solid Content	30%
Firm set @ 25°C	24 hours
Service Temp	5°C to 75°C
Application Method	Brush/Roller/Spray
Storage	Should be stored above the freezing temperature in sealed containers, away from direct flames and sunlight.
Shelf Life	Upto 18 months if stored as per recommendations. Excessive exposure to sunlight and UV will result in the deterioration of the quality of the product and reduce its shelf life.
Packing	15Ltr & 200Ltr/Drum

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.