



BERGER Protecton PROTECTIVE COATINGS

Asphaltene

USES

Asphaltene is suitable for use inside Drinking Water Tanks and pipe lines. It can also be applied over concrete or cement plastered tanks when the surface gets sealed which prevents ingress of contaminants to the stored water.

SCOPE

It is always necessary to maintain the quality of Drinking Water which is pumped to storage tanks – MS or concrete. Asphaltene is specially designed to serve the dual purpose – protection from corrosion and ensuring that the water is crystal clear and fit to drink. Asphaltene prevents formation of algae and fungi thereby keeping the water pure and fresh.

PRODUCT DATA

Type : Single Pack

Composition : Processed Asphaltic Bitumen of special non-toxic grade

Application : Brush or Roller

Recommended DFT : 25–30 microns per coat

Theoretical Spreading Rate : 12 to 14 Sq. Mtr./Ltr./coat

Drying Time :

TOUCH : 3–4 hours
HARD : Overnight

Flash Point : Above 30° C

Overcoating Interval :

MIN : 24 hours

Colour : Black

Thinner/Cleaner : Thinner 800

Finish : Glossy

Packing : 20 Ltrs., 4 Ltrs., 1 Ltr., 500 ml.

Storage Life : Upto twelve months as long as the sealed containers are kept under cover in a dry place under normal temperature conditions.

RESISTANCE GUIDE

Chemical Resistance :

EXPOSURES	SPLASH & SPILLAGE	MILD FUMES / OUTDOOR RESISTANCE
Acids	Fair	Fair
Alkalis	N/R	N/R
Solvents	N/R	N/R
Salt	Very Good	Very Good
Water	Excellent	Excellent

Temperature Resistance :

Continuous : 65° C
Intermittent : 80° C

Weatherability : Not applicable

Flexibility : Very Good

Abrasion Resistance : Moderate

SURFACE PREPARATION

Steel : Remove all millscale and rust. Make full use of mechanical tools alongwith hand wirebrushing and chipping to remove loose rust and scale back to a firm edge. Avoid excessive burnishing of steel. An acceptable preparation standard would be St-3 of Swedish Standard. Remove all other contaminants, oil, grease, etc., by use of aromatic solvent like Xylene and subsequently wash off with fresh water. The surface should be clean and dry before painting.

Concrete : **NEW CONCRETE** : Ensure that the concrete is cured for a minimum of three months. The surface is to be made rough and free from laitance and other contaminants by sand sweeping. **OLD CONCRETE** : Remove all salt deposits from the surface by water jet washing. Light sand blast the surface to remove all loosely bound coatings and roughening up of firmly adhering coatings to anchorage with recommended system. Ensure all dust/other particles are fully removed by suction or air blast and the surface is fully clean and dry before application of paint. In non-critical areas where blasting is not possible, water jet washing and hard wire brushing are minimum requisites.

APPLICATION

Mix the contents thoroughly before and during use.

Apply Asphaltene without thinning. However, add maximum upto 5% Thinner 800 if absolutely essential.

TYPICAL PAINTING SPECIFICATIONS

Surface	1st Coat	2nd Coat	3rd Coat
Steel	Asphaltene	Asphaltene	Asphaltene
Concrete & Plastered surface	Asphaltene (10% Thinned)	Asphaltene	Asphaltene

Notes :

1. To ensure drying of the system use forced Air Circulation method during and after application. This will remove the solvent vapour which is heavier than air.
2. The cured system must be rinsed with fresh water two or three times to remove residual solvent.
3. Do not apply when temperature falls below 10° C or rises above 50° C and when relative humidity rises above 90%. Do not apply during rain, fog or mist.
4. The film should be allowed to cure for at least 7 days for optimum performance.

Health & Safety : Please refer to the separate Safety Data Sheet available with detailed information.

DISCLAIMER

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