Bituminous membrane 105

DESCRIPTION:

A WATER BASE BITUMINOUS COATING FOR PERMANENT ROTECTION OF CONCRETE SURFACES SUBJECTED TO AGGRESSIVE SOILS.

A water base Bituminous coating for permanent protection and waterproofing of concrete surfaces subjected to aggressive soils.

BITUMINOUS MEMBRANE 105 is complies with ASTM D-1227 type 3 Class 1

USES:

Bituminous membrane 105 is directly used for protection of foundations, basements and below round concrete from salt attack. It is used as a damp proof membrane.

CHARACTERISTICS / ADVANTAGES

▪ Easy application (Brush, roller or airless spray).

▪ No heating required (cold application).

▪ Suitable for closed places applications (solvent free).

▪ Can be applied over damp surfaces.

▪ Increased coverage rates.

▪ High resistance to aggressive chemicals and salts.

TECHNICAL DATA:

- Finish : Eggshell.
- Color : black.
- Solid by volume : 47± 2 % approx.
- Specific gravity : 1.73
- Theoretical spreading rate : 0.25 m2/kgm (2000 microns D.F.T)
- Dry film thickness : 2000 microns
- Wet film thickness : 4250 microns.
- Thinner : Tap water

- Drying time
- Surface : ½ - 1 hr. (at 25 ºC & 60 % R.H.)
  Full cured : 7 days (at 25 ºC & 60 % R.H.)
- Recoat interval
  Min : 4 – 6 Hrs. (at 25 ºC & 60 % R.H.)
  Max. : 7 days (at 25 ºC & 60 % R.H.)
- Shelf life : 12 months (at normal conditions in original containers)
- Packing : 30 Kgm
  : drum 250 Kg.

MODE OF APPLICATIONS:

- All surfaces must be clean, free from oil, grease, standing water and all loosely adhering particles.
- Add 10-20 % of water to Bituminous membrane 105 to first coat and stir it to achieve homogeneous consistency of the product.

APPLICATION METHODS :

Bituminous membrane 105 can be applied by brush, roller or airless spray gun.

Stir material before application. Normally two or three coats are required, depending on the degree of protection required.

When Bituminous membrane 105 has to be covered with a screed, the final coat should be blinded with clean dry sharp sand as soon as it applied, after drying the excess sand should be brushed off.

By roller & brush :

- Volume of thinner : 2 – 5 %

By airless spray :

- Volume of thinner : 2 – 5 %
- Nozzle orifice : 0.02 – 0.03 inch .
- Nozzle pressure : 120 – 150 bar .