

# DRYBITUMEX

## BITUMEN EMULSION PROTECTIVE COATING

**DRY BITUMEX** is an emulsified bitumen protective coating, with excellent adhesion which dries to a tough black seamless vapor-proof membrane.

### CHARACTERISTICS

- ▶ Single component, cold applied and ready to use
- ▶ Joint less membrane when it cures ▶ Ecofriendly
- ▶ Excellent Adhesion to most buildin Substrates
- ▶ Compatible with all bituminous products
- ▶ Water based ▶ Good resistance against chloride and sulphate ions

### USES

- ▶ Damp proofing of most substrates.
- ▶ Protective coating on concrete foundations
- ▶ Curing compound on freshly cast concrete
- ▶ Vapor proof barrier coating for interior & exterior floors & walls.
- ▶ Protective coating for built up roofing systems and other exposed surface

### APPLICATION DETAILS

The temperature for application of coating is 2°C to 48°C. DRYBITUMEX can be applied with roller, brush or airless spray. It is recommended that one or two coats should be applied depending on the degree of protection required.

#### Substrate Quality

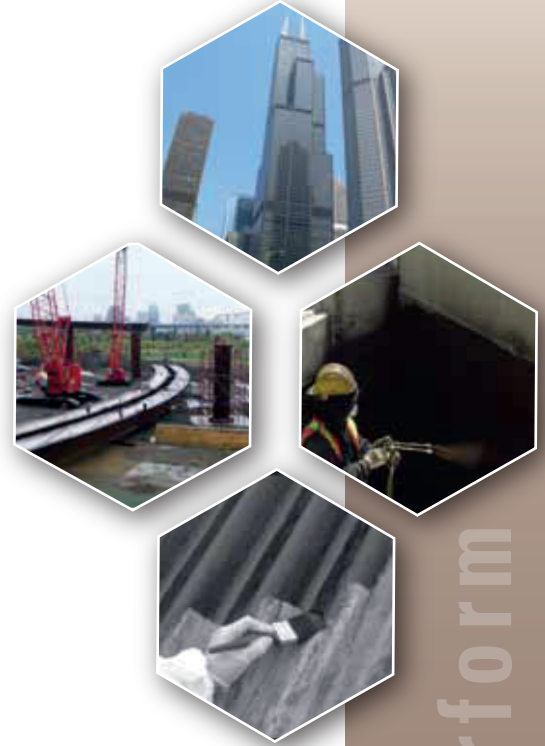
The substrate must be clean, dry and free of all contamination such as dirt, oil, grease, coatings etc which hinder an adhesion. The substrate must be sound and of sufficient strength. There should not be any standing water and should be a cured surface.

#### Substrate Preparation / Priming

It is recommended to use a prime coat to ensure proper bonding of subsequent coat. The prime coat can be prepared at the site by diluting DRYBITUMEX with 20% water and applying this diluted coat as the primer. The primer penetrates concrete surfaces, fill pores, hairline cracks etc and produces an excellent surface for adhesion of DRYBITUMEX. Further coats shall be applied only after the primer coat dries off completely.

#### Application Method

- Stir the contents of the drum thoroughly before application to remove all sediments.
- Each coat must be applied at right angles to the previous one to obtain proper coverage and uniformity. Be certain to examine each section carefully to ensure you've covered every minute crack and hole.



engineered to perform

- Subsequent coats shall be applied only after the previous coat dries off completely
- Apply the coating at a coverage rate of 1-4 m<sup>2</sup>/lt/coat, depending on dry film thickness required
- Leave the coating for curing for a minimum period of 48 hours before applying any protection board or backfilling.

#### TECHNICAL SPECIFICATION

| PROPERTIES        | VALUES   |
|-------------------|--|
| Color             | Black  |
| Form              | Thixotropic Viscous Liquid   |
| Density (g/cc)    | 1.03±0.02  |
| Solid Content     | Min 45 %   |
| Flash Point       | Non Flammable  |
| Application Temp  | 2-48 deg C   |
| Surface Dry (Hrs) | 4 hours depending upon temperature and humidity                    |
| Complete dry      | 24 hours   |
| Confirms to       | ASTM D 2939, BS 8102 All values are subject to ± 5-10% tolerances. |

#### Protection Course

The coating shall be protected from the ongoing site activities and during backfilling from getting damaged by a 150 micron polyethylene sheet.

#### COVERAGE

4m<sup>2</sup>/lt/coat gives a thickness of 125 microns for moisture vapor barrier

#### STORAGE & SHELF LIFE

- ☐ Store away from sunlight, UV and other sources of light
- ☐ Shelf life is 12 months if stored as per recommendations

#### SAFETY PRECAUTIONS

- ☐ Avoid contact with eyes and prolonged contact with skin
- ☐ For eyes flush immediately with water for 15 minutes and call a physician
- ☐ Protective clothing such as gloves and goggles should be worn when handling the product
- ☐ Keep containers tightly closed when not in use

#### PACKING

- ☐ 15 kg pail, 20 Litre pail and 200 Liter drum.

**SAFETY & PRECAUTIONS:** Although this is a safe to use product it is recommended that you follow good safety and hygiene practices. Wearing of gloves is recommended and goggles against splashes. Good ventilation is recommended and avoid contact with skin, eyes and mouth. Refer to products Material Safety Data Sheet for full safety data.

