

Pro-Bitumen Emulsion



Modified Bitumen Emulsion As Economical Protective Coatings.

Description

Pro-Bitumen Emulsion is a brown/black liquid of bitumen emulsified with water to reduce VOC contents and used as a protective and waterproof coating.

When applied on a substrate, cured film of **Pro Bitumen Emulsion** is tough and waterproof shield against transmission of water and vapours. Also used as a waterproof curing membrane and protective coating below ground levels.

Primary Applications

- **Pro-Bitumen Emulsion** is used to protect basements/foundations concrete surfaces to attack from soil acids and salty water.
- Used as a waterproof coating for walls and floors.
- Also work as a curing membrane for concrete surfaces.

Features and Benefits

- Environment friendly with low VOC contents, non-flammable and can be used in confined spaces.
- Easy to apply on substrate with low labour cost.
- Economical solution for waterproofing and curing purposes.
- Easily adheres to concrete, metal, wood, cork etc.
- Curing film provide good flexibility and adhesion on all kind of substrate.
- Chemical resistive product.
- Solvent free product that also resistant to chlorides and sulphate ions.

Properties

Colour	Brown/Black
Bitumen Contents	> 45%
Chemical Resistance	Test results with some common chemicals
Time between 2 Coats	Minimum 2.0 hours
Application Temperature	5°C to 45°C
Chemical Resistance to: <ul style="list-style-type: none">• Water• Salty Water• Alkalis• Diluted Acids	Shows Excellent Chemical Resistance

Storage

Store in dry and cool places below 35°C temperature and protect from direct sun light.

Packaging and Shelf Life

- 30 kg pail and
 - 200 kg drum
- Shelf life is approximately 12 months if stored properly in recommended areas.

Instructions for Application

• Surface Preparation:

Surfaces to be coated with **Pro-Bitumen Emulsion** must be sound, clean and free of oil or grease. Any oil or grease contamination should be removed with a proprietary chemical degreaser. Upon dusty surfaces priming will be recommended for best results. Surface should be primed with 50% dilution of **Pro-Bitumen Emulsion** with clean water and allow to completely dry.

• Application:

Pro-Bitumen Emulsion may be applied by brush, broom or squeegee. It is recommended that one or two coats should be applied depending on the degree of protection required. Allow a minimum of 2 hours between coats. Where the **Pro-Bitumen Emulsion** is to take a screed, the second coat should be blinded with clean, dry sharp sand as soon as applied. The excess sand should be brushed off when the coating has dried.

• **Note:** For more instructions and technical details of product can be provided by Pro-Tech Technical Services Dept.

• Curing and Coverage:

- Minimum 7 days required for curing.
- 1 - 2 m²/kg coverage (Depending upon nature of substrate).

Cleaning and Disposal

On wetting condition easily removed from tools and equipment's with water, on drying may be removed with Pro-Solvent. Do not dispose-off into water or soil but according to local regulations.



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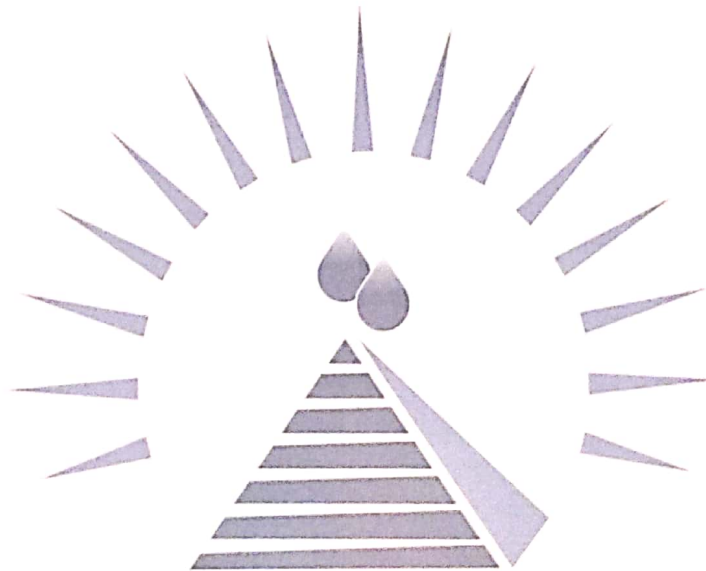


Precautions and limitations

- Pro-Bitumen Emulsion is not a flammable liquid.
- Pro-Solvent is highly flammable.

Health and Safety

As with all construction chemicals products caution should always be exercised. Protective clothing such as gloves and goggles shall be worn. Treat any splashes to skin or eyes immediately with fresh water. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.



We Also Deals In

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- Water Proofing Systems & Materials
- Construction Chemicals & PU Sealants
- Cold Applied Systems & Contractors
- Insulation Systems & Materials
- PVC Water Stops
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- Geo Membrane
- Waterproofing Chemicals
- Self-Adhesive Membranes

Important note:

Pro-Tech Construction chemicals products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Pro-Tech Chemicals endeavours to ensure that the technical information on this data sheet is correct at the time of printing, it is the customer's responsibility to satisfy himself, by checking with the company that this information is still current at the time of use, that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended. Because Pro-Tech Chemicals has no control over the conditions of use of its products, all recommendations or suggestions regarding the use of these products are made without guarantee.

