

TRI-BITU PROOF S

Bituminous waterproofing coating

Description

TRI-BITU PROOF S is a viscous liquid blend of bitumen BF4 in solvent, which dries to form a high quality tough bitumen film.



Standard compliance

- ASTM D 2939
- ASTM D 2369
- ASTM D 1227
- ASTM D 1640

Typical uses

TRI-BITU PROOF S is designed to provide a continuous barrier to the passage of water and water vapor and can be used to produce vapor barriers, Damp proof courses, below ground concrete protection, concrete curing By water retention, and corrosion protection to metal surfaces .

Advantages

- Single component.
- Easily and inexpensively applied.
- Resists attack by chloride and sulphate ions present in ground water.
- Can be applied to damp concrete substrates.
- Quick drying.
- Excellent adhesion to most common building substances.
- High coverage rates.

Technical properties @°25c

Appearance	Black – Viscous Liquid
Density	1.43±0.1 gm/cm ³
Viscosity @ 25o C	90 ± 15 sec fourd cup 8
Viscosity @ 30o C	360 ± 30 sec fourd cup 4
Solid content	81% ± 4%
Drying Time	50 minutes

Recommended water-proofing systems .

Waterproofing system I	TRI- BITU PROOF S	Waterproofing Coat 1
	TRI- BITU PROOF S	Waterproofing Coat 2
Waterproofing system II	TRI- BITU PROOF S	Waterproofing Coat 1
	TRI- FLEZ 70	non-woven needle punched polypropylene
	TRI- BITU PROOF S	Waterproofing Coat 2

Directions for use

Surface preparation

- **TRI-BITU PROOF S** can be applied to damp concrete, brick, and plaster Surfaces provided there is no free surface water or bleeds.
- Preparation of surfaces prior to application is most important.

For concrete

- o Surfaces must be clean, sound and free of oil or grease. Any oil or grease contamination should be removed with a chemical degreaser
- o All holes should be filled with a suitable cementitious mortar before application

Application

- **TRI-BITU PROOF S** can be applied by brush, roller or spray equipment to prepared surfaces, for a variety of purposes. Stir thoroughly prior to use. 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.
- Dilution: **TRI-BITU PROOF S** maybe diluted by **Tri-Sol 10** (0-10%).

Coverage

2 – 3 m² / Kg depending on the surface condition

Package

- **TRI-BITU PROOF R** :Available in 200Kg drums and 10 Kg pails.

Shelf life

- 12 months in good storage conditions .

Storage conditions

- Store the material in a cool, dry and covered place.
- Temperature should not exceed 35 °C.
- Do not expose the pails to direct sunlight and keep away from all sources of heat.

Cleaning

- All tools should be cleaned with water immediately after use.
- Hardened material can be removed mechanically.

Technical support

- For any technical support, please contact TRI-CHEM technical office or representatives.



Factory & Head Office:

6 October City - 4th Industrial Zone - Al Oula Industrial Zone Plot No.: 14
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Sustainability and environmental accountability

• TRI-CHEM's Environmental sustainability is the accountability to conserve natural resources and protect global ecosystems to support health and well-being for this a more positive approach is that accountability guides the actions of power-holders towards more socially and environmentally sustainable results.

Health and safety responsibility

- Workplace health and safety is all about sensibly managing risks to protect TRI-CHEM's workers and business.
- ISO 45001 is a systematic health and safety management is characterized by strong leadership involving managers, workers, suppliers, contractors and customers and also health and safety management is an essential part of the movement towards sustainable development.
- Spillages should be washed down immediately.
- PPE in accordance with the health and safety rules should be used during the materials application.
- For irritant effects of the non-cured material, avoid contact with skin and eyes during storage and application.

Institutional Excellence and quality performance

• Institutional excellence in TRI-CHEM refers to achieving high levels of performance, quality and effectiveness in all aspects of TRI-CHEM company's work, it involves a systematic and continuous effort to improve an organization's performance by applying best practices, innovative approaches and evidence-based strategies, institutional excellence spans various areas, such as training , research, innovation, community engagement, governance, management and sustainability, and involves setting high standards, measuring performance against these standards and continuously improving performance to meet or exceed these standards, excellence in TRI-CHEM also includes a culture of continuous improvement and learning, where everyone in the organization is committed to achieving the organization's goals, working together to find solutions to challenges and opportunities, and requires a collaborative approach that includes all stakeholders.

• All products originating from TRI-CHEM facility are manufactured under a quality management system independently certified to conform the requirements of the quality standards (ISO 9001:2015).

Disclaimer

- While TRI-CHEM guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control.
- TRI-CHEM is recommended to verify with TRI-CHEM that the product is suitable for the intended use, and that this data sheet version is the latest one.
- Any specification, recommendation or information mentioned in this product data sheet is (to TRI-CHEM's best knowledge) true and reliable.
- However, because TRI-CHEM has no influence on the application method of these products and the care taken, the company cannot accept any liability arising from the use of its products. TRI-CHEM's warranty is therefore limited to the quality of the materials supplied which are guaranteed against defective materials.
- TRI-CHEM may modify it without prior notice and technical characteristics are listed for guidance only.

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