

## **TRI- CEMENT PUTTY**

**Two component polymer modified cement putty for concrete & masonry**

### **Description**

**TRI- CEMENT PUTTY** is a two component cement putty product modified with special polymer to give a fair surface before applying a paint coat and also can be used as a repair for rough concrete and masonry surface.



### **Standard compliance**

**The product is certified by National Organization for Potable water and Sanitary Drainage. The product is certified by (National Research Centre)**

- ASTM (BS 6920)

### **Typical uses**

Used to give a fair surface under epoxy coating, decorative paints and can be Used for interior and exterior application.

### **Advantages**

- Give a fair surface under paint coat.
- Fill the air pockets on concrete surface.
- Excellent resistance to water and humidity.
- Excellent bonding with the concrete and masonry surface.
- Has enough Workability time, help easily using.
- Easy to apply with trowel or putty knife.
- Can be used for interior and exterior surface.
- Can be applied without primer or sealer with plaster.

### **Technical Data @°25c**

Color	White and Grey powder
Density	1.85.00 ± 0.2 kg / L
Working Time	45 - 60 min. (depending on weather conditions)
Toxicity to potable water BS EN ISO 11348-3	Comply
Curing time	5 - 7 hrs. (Depending on weather conditions)
Chloride content	Nil

## Directions for use

### Surface preparation

- The surface should be clean, sound and free of dirt, dust, grease and oil or any friable materials.
- Damp the surface with water just before applying.

### Mixing

- Pour the liquid part in a bucket then add the powder to liquid till getting suitable consistency.
- Small quantities can be mixed by hand in a bucket, Large quantities can be mixed by Mixer.
- We can add water till get the required consistency.

### Application

- Apply the mixed products to the well prepared surface (as mentioned before) of concrete or masonry by steel trowel or by putty knife.
- Max. Thickness per one coat is 0.5-0.8 mm. For more thickness apply two coats or more.

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## Coverage

18-20 m<sup>2</sup> per 30 kg pk

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## Package

**TRI- CEMENT PUTTY** is available in 30 kg ( 25 Kg Grey powder bag + 5 kg Liquid part)

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## Cleaning

After application remove the excess material using a wet cloth and clean all

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## Shelf Life

The shelf life of the product is 12 months in unopened condition if stored as Per the recommendations. Exposure to high temperature and humidity will result in considerable deterioration of the product and reduce its shelf life.

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## 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.

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## 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.

## 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.

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## Technical support

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

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## 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).

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## 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.
- TRI-CHEM may modify it without prior notice and technical characteristics are listed for guidance only.
- 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.