

TRI-POXY 3D

High Performance transparent solvent free epoxy compound for 3D Flooring

Description

TRI-POXY 3D is two component, solvent Free, self-leveling, clear liquid epoxy compound used for 3D flooring.



Typical uses

TRI-POXY 3D is specially made for :-

- Top coat for 3D dimensional flooring , Home , hotels , office , malls .

Advantages

- Give a smooth surface easy to clean.
- Top coat for multi-color floors.
- Suitable for applying over decorative shapes.
- Easy to apply .
- Solvent free .
- High durable surface .
- Self-leveling & bubbles free flooring surface.

Technical properties @°25c

Appearance	Transparent
Gloss	High
Density	1.10 ± 0.05 Kg / L
Solid content	100 %
Pot life	45 minute@25 °C
Touch dry	10 - 12 hours @25 °C
Hard dry	24 hours @25 °C
Mixing ratio (A: B:) by weight	2 A: 1 B
Full Hardness 25°C	7 days @25 °C
Min. Application Temperature	5 °C
Rate of use	1.25 : 2 Kg /m ² for 1.5 :2.0 mm thickness

Directions for use

Surface preparation

Ensure that the concrete floor is 28 days old and the surface moisture content less than 5% prior to the application.

Clean the surface from all dust, dirt, degradable type of curing compound, oil and grease, cement laitance and other contaminants which will affect the bonding.

For tiles, ceramic, porclen mechanical grinding should be done then use **Tri - Poxy Putty** to completely fill and level the joints.

Banner installation

Apply the Banner (chosen pattern) with epoxy adhesive **Tri Prime SF** Remove air under Banner by plastic tool .

Top coat

Mix thoroughly the two components of **Tri-poxy 3D** using a slow rotating electric mixer (max 300 r.p.m) for 3 minutes .

For more details review the Tri-chem's application methodology

Coverage

1.25 : 2 Kg /m² for 1.5 :2.0 mm thickness

Package

•**TRI-POXY 3D** is supplied in 3 Kg or 12 Kg pack.

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.

Shelf life

•24 months in good storage conditions in original packing. .

Cleaning

Clean all tools and equipment immediately after use with **Tri-Sol 10**.

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.

Technical support

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

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

- 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.
- 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.
- 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.

**Factory & Head Office:**

6 October City - 4th Industrial Zone - Al Oula Industrial Zone Plot No.: 14
Tel.: (002) 011 195 48267 - Sales: (002) 010 007 88817 - (002) 011 184 87597
Technical Support Call : (002) 011 184 87880 - Email: sales@trichem-eg.com

www.trichem-eg.com

