

TRI-SEALER EP

Chemical resistance epoxy resin solvent free sealer for concrete and steel.

Description

TRI-SEALER EP is a two component, solvent base, clear epoxy sealer depend on solvent base epoxy and polyamide hardener.



Typical uses

TRI-SEALER EP is specially made for :-

- As a sealer for concrete, wood, steel surface.
- Can be used for hair crack repairing for concrete
- Surface hardener for concrete floors.
- Can be used as anti dust for concrete, wood, steel surface.

Advantages

- Give a smooth surface easy to clean sealing for hair crack.
- Increase surface hardening for concrete surface.
- Low viscosity and easy to use.
- Can be applied by brush, roller and spray.

Technical Data @°25c

Color	Transparent
Solid Content (by weight)	44± 2 %
Solid Content (by volume)	38 ± 2 %
Density	0.94± 0.03 kg/l
Mixing ratio, A: B by weight	2.33 A : 1B
Pot life	4 hours. (Decreases at higher temperatures)
Initial setting time	2 hours
Final setting time	24 hours
Full hardness	7 days
Re-coating time	8 – 14 hours (depending on weather and DFT conditions)
Min. Application temperature	10° C

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.

Hole should be filled with Tri-Epoxy Putty.

Shot blasting and grinding of the steel surface is recommended for cleaning the surface.

Mixing

Pour Part B into the Part A pail and mix thoroughly with a mixing paddle for 2 to 3 minutes till a homogeneous and uniform consistency is achieved.

It is always recommended to mix a complete kit at a time.

However, for small areas, part mixing may be carried out by employing proper weight measures.

Application

TRI- SEALER EP may be applied by brush, roller or spray.

Coverage

- 5 -7 m² / kg- 100μ DFT

Cleaning

- Clean all tools and equipment immediately after use with **Tri- sol 20**.

Package

- **TRI- SEALER EP** is available in 2.5 , 12.5 Kg packs

Storage conditions

- Store the material in a cool, dry and covered place.
- Temperature should not exceed (10 – 30) C° .
- Do not expose the pails to direct sunlight and keep away from all sources of heat.

Shelf life

- Has a shelf life of 24 months stored in dry and cool place

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

- 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.

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