

TEC TX600

Thixotropic repair mortar with fiber

TEC TX600 is a high-quality, high-adhesion repair mortar formulated for treating concrete honeycombing and surface defects. Applied at thicknesses of up to 50 mm per layer, it restores the structural surface with a dense, well-bonded repair.

SCOPE OF USE

- Repair of concrete honeycombing, voids, and surface defects in structural elements
- Reinstatement of cover concrete over reinforcement following defect removal
- General structural patch repair on columns, beams, and slabs
- Applied at thicknesses of up to 50 mm per layer

ADVANTAGES

- High adhesion strength to sound concrete substrates
- Easy to apply by hand trowelling
- High-quality, dense repair with low shrinkage
- Suitable for vertical and overhead repair at the stated thickness
- Economical, factory-controlled formulation

TECHNICAL PROPERTIES

Technical values below are pending confirmation from PRO-TEC's Technical / R&D Department based on lab testing. Do not publish or distribute until verified and completed.

Grain size	0 to 4.75mm
Yield	12.5 liters/25kg bag
Compressive Strength : 28 days	60MPa
Flexural Strength 28 days	7 MPa
MAX APPLICATION THICKNESS	Up to 50 mm per layer

APPLICATION GUIDE

1. Surface Preparation

Remove all unsound, honeycombed, or damaged concrete back to a sound substrate. Clean the area thoroughly and saturate with water prior to application, removing any standing water.

2. Mixing

Add TEC TX600 powder gradually to the specified quantity of clean water (mixing ratio to be confirmed by the Technical Department) and mix with an electric mixer until a smooth, homogeneous, trowel-grade consistency is achieved.

3. Application

Apply the mortar firmly by hand or trowel in layers of up to 50 mm, ensuring full compaction and contact with the substrate. Finish and cure as per standard repair mortar practice.

PACKAGING & STORAGE

- Packaging: Available in 25 kg bags.
- Storage Conditions: Store at temperatures between 5°C and 35°C in unopened, closed packaging. Keep in a dry, well-ventilated area away from heat and direct sunlight.
- Shelf Life: 12 months from the date of manufacture when stored as recommended.
- Support: If these requirements are breached, contact the Technical Department of Pro-Tec for assistance.

HEALTH, SAFETY & CAUTIONS

TEC TX600 is a cement-based product; always take care and adhere to standard safety precautions during handling and application.

- Protective Gear: Wear protective clothing, gloves, and goggles. Apply in a well-ventilated area and avoid inhaling dust.
- Skin & Eye Contact: Splashes on the skin should be washed away with soap and water immediately. In case of contact with eyes, wash thoroughly with clean water and seek medical attention if irritation persists.

PRO-TEC

Trust our chemistry

Disclaimer:

Pro-Tec makes every effort to ensure that any advice, suggestions, or information it provides is reliable and accurate. It cannot assume any direct or indirect liability arising from the use of its goods since it has no direct or continuous control over where or how its products are used, whether or not in line with any advice, specification, suggestion, or information provided by us. Pro-Tec has the right, at its discretion, to alter any of the parameters included in the technical data sheets without previous notice. Hard copies of the technical data sheets are printed once or twice a year, while our technical data sheets are constantly updated as a result of R&D advancements and fresh third-party testing; please visit our website for the most recent updates.

Note: The information included on this Technical Data Sheet is the sole property of Pro-Tec. The unauthorized disclosure, use, dissemination, or copying (either whole or partial) of this data sheet or any information it contains is prohibited and subject to legal pursuit.