

PRO-TEC

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TEC HARDNER

Ready-to-Use Concrete Floor Hardener

TEC HARDNER is a ready-to-use, dry-shake surface hardener for concrete floors, formulated with selected hard aggregates, cement, and additives. Designed for high-traffic industrial and commercial areas, it produces a dense, abrasion-resistant, non-dusting concrete floor surface.

SCOPE OF USE

- Applied as a dry-shake topping onto freshly poured concrete floor slabs
- Suitable for warehouses, industrial plants, workshops, and loading/parking areas subject to heavy foot and vehicle traffic
- Floated directly into the surface of fresh concrete during finishing

ADVANTAGES

- High resistance to abrasion and wear from continuous industrial and vehicle traffic
- Easy to apply using standard power-trowelling equipment
- Produces a dense, non-dusting, hard-wearing concrete surface
- Improves the impact resistance of the finished floor
- Economical alternative to a full topping screed

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 Do not publish or distribute until verified and completed.

Color	Grey
Grain size	<4mm
Powder density	1.6±0.1
Fresh density	2.3±0.1

APPLICATION GUIDE

1. Base Concrete Preparation

The base concrete should be placed, compacted, and screeded to the required level. TEC HARDNER must be applied while the concrete is still plastic, before final set.

2. Application

Dry-shake TEC HARDNER evenly over the fresh concrete surface at the recommended application rate (to be confirmed by the Technical Department), allow it to absorb moisture from the base slab, then float it in using a power trowel.

3. Finishing

Power-trowel the surface to a dense, smooth finish once the material is fully absorbed. Apply a curing compound immediately after finishing to prevent rapid moisture loss.

PACKAGING & STORAGE

- Packaging: Available in 20 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 HARDNER 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.

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