

TECHNICAL DATA SHEET

Water-Based Crack Filler (Self-Leveling)

Product Description

Self-leveling, water-based polyurethane crack filler in convenient squeeze-pour packaging. Designed for sealing and waterproofing cracks in concrete floors, terraces, driveways, and foundations. Flows into cracks by gravity, filling voids completely. Cures to a flexible, waterproof seal that accommodates thermal movement. Suitable for cracks up to 5mm wide.

Technical Properties

Property	Value
Appearance	Grey / Black self-leveling liquid
Solid Content	$\geq 55\%$
Viscosity	Self-leveling (flows into cracks)
Tensile Strength	≥ 1.5 MPa
Elongation at Break	$\geq 350\%$
Bonding Strength	≥ 0.8 MPa (to concrete)
Crack Width Range	0.5 - 5.0 mm
Shrinkage	$\leq 5\%$
Service Temperature	-25 deg C to +80 deg C
Drying Time (Surface)	Approx. 6 hours (23 deg C)
Drying Time (Full Cure)	Approx. 24 - 48 hours
Packaging	500ml squeeze pouch

Recommended Applications

- Concrete floor cracks in warehouses, garages, and basements

- Terrac

Surface Preparation

Clean crack thoroughly - remove all loose debris, dust, and vegetation using wire brush, compressed air, or vacuum. Crack must be dry. For deep cracks (>10 mm), fill lower portion with backer rod or sand to within 5mm of surface before applying crack filler.

Application Method

Cut nozzle to desired opening size. Squeeze product directly into crack, slightly overfilling. Product will self-level within the crack. For wide cracks (3-5mm), apply in two passes - fill to 50% depth, allow to skin (2-3 hours), then fill to surface level. Avoid applying when rain is expected within 12 hours. For best results, apply when temperature is between 10-35 deg C. Do not dilute.

Storage & Shelf Life

Store in original sealed packaging at 5-35 deg C. Protect from frost and direct sunlight. Shelf life: 12 months from date of manufacture. Once opened, use within 7 days.

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Health & Safety

Water-based, low odor. Wear protective gloves during use. Avoid eye contact. In case of eye contact, rinse with clean water. Non-flammable. Keep out of reach of children.

Standards & Compliance

GB/T 19250-2013 (Polyurethane Waterproof Coating)

JC/T 881-2001 (Concrete Crack Repair Material)

Compliant with REACH and RoHS requirements

Disclaimer: The information provided in this Technical Data Sheet is based on our current knowledge and experience. It is the responsibility of the user to ensure suitability for their specific application. Fansen recommends on-site testing before large-scale use. Values shown are typical results from laboratory testing and should not be taken as specifications.