

CRACK SEAL

READY-TO-USE SINGLE COMPONENT CONSTRUCTION CRACK SEALANT

DESCRIPTION

Crack Seal is a hybrid-polymer, single-component, elastomeric, ready-to-use crack-filling and joint-sealing compound formulated for fast, durable repairs on concrete and masonry surfaces. It offers strong weather resistance, corrosion resistance, high adhesion strength, and excellent waterproof performance, making it suitable for driveways, garages, sidewalks, parking areas, and concrete expansion joints.

SCOPE OF APPLICATION

Suitable for professional repair of cracks and joints in:

- Driveways and parking lots
- Garage floors and sidewalks
- Corner joints and parking areas
- Concrete expansion joints
- General indoor and outdoor concrete crack repair

ADVANTAGES

- Strong weather resistance – suitable for continuous outdoor exposure.
- Corrosion-resistant, protecting embedded reinforcement from moisture ingress.
- High adhesion strength – grips concrete and masonry surfaces securely for durable repairs.
- Excellent waterproof performance – forms a protective seal that blocks water seepage and moisture entry.
- Easy, single-component application – squeeze directly into the crack and smooth to finish, with no mixing required.

APPLICATION (HOW TO USE)

Step 1: Surface Preparation

Clean the crack or joint thoroughly. Remove all dust, dirt, grease, oil, loose particles, old sealant, and any other contaminants. Ensure the surface is clean and completely dry for best adhesion.

Step 2: Apply the Sealant

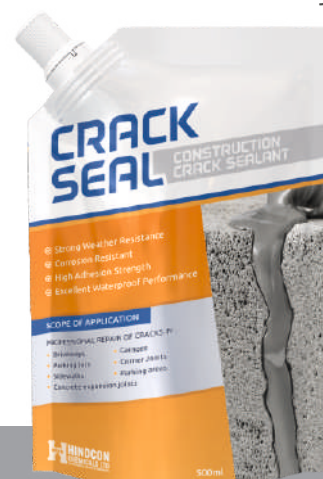
Squeeze the sealant evenly into the crack or gap, filling the entire cavity from end to end and ensuring there are no air pockets or empty spaces.

Step 3: Finish the Surface

Immediately smooth the applied sealant using a scraper, putty knife, or a wet finger (if recommended) to achieve a neat, uniform finish and ensure proper contact with the surface.

Step 4: Allow to Cure

Leave the sealant undisturbed until it has fully dried and cured, typically 24 hours. Avoid water exposure, movement, or heavy traffic during the curing period. Once fully cured, the repaired area is ready for normal use.



TECHNICAL PROPERTIES

Product Type	Elastomeric single component polymer based crack filler and joint sealant
Appearance	Liquid
Colour	Grey
Specific Gravity	1.4 – 1.5 g/cm ³ (typical)
Consistency	Pourable
Solid Content	100%
Skin / Tack-Free Time	Approx. 120 minutes at 25°C, 50% RH
Full Cure Time	24 – 72 hours, depending on joint depth, temperature and humidity
Application Temperature	5°C to 35°C (ambient and substrate)
Service Temperature Range	-20°C to 80°C once fully cured (typical)
Elongation at Break	> 500% (typical)
Shore A Hardness	45 – 55
Adhesion Strength	High adhesion to concrete, masonry, and similar porous substrates
Water Resistance	Waterproof once fully cured; forms a protective seal against seepage
Weather / UV Resistance	Resistant to normal outdoor weathering conditions

STORAGE CONDITIONS

Store in a cool, dry place between 5°C and 30°C, away from direct sunlight and freezing temperatures.

SHELF LIFE

12 months from the date of manufacture, in original unopened packaging, when stored per the recommended conditions above.

PACKING

Crack Seal is available in a 500 ml pouch.

SAFETY & HANDLING

- Keep out of reach of children.
- Use in a well-ventilated area.
- Avoid contact with eyes and skin; wash immediately with water if contact occurs.
- Refer to the Product's Safety Data Sheet (SDS) for complete handling, first-aid, and disposal information.

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