

Core Crack fix

PolyUrethane Sealant for Construction Joints

Description

- One component moisture-cured system.
- Guarantees a long service life.
- High flexibility.
- Paintable.
- Waterproof and impermeable to dirt and grime.
- Good adhesion without primer on current materials: wood, aluminum, most lacquered metals, polyester, glass, PVC, concrete, terra cotta, stone, ceramic tiles, stoneware.
- Sag resistant paste.
- For internal and external applications.
- Maximum joint width: 50 mm.

Recommended Uses

- Building construction joints.
- Expansion and connection joints on concrete and precast cellular concrete panels, basements and subways, reservoirs, floors.
- Sealing facades, metal constructions, patios, balconies, window and door connections, parapet elements, bathrooms.
- Airplane hangars, garages, workshops, high rise buildings, industrial floors, beverage plant.

SERVICES

Cementitious coating

Crystalling Coating

Addmixture

Sealant

Grout

Epoxy primer

Repair Mortar

Flooring

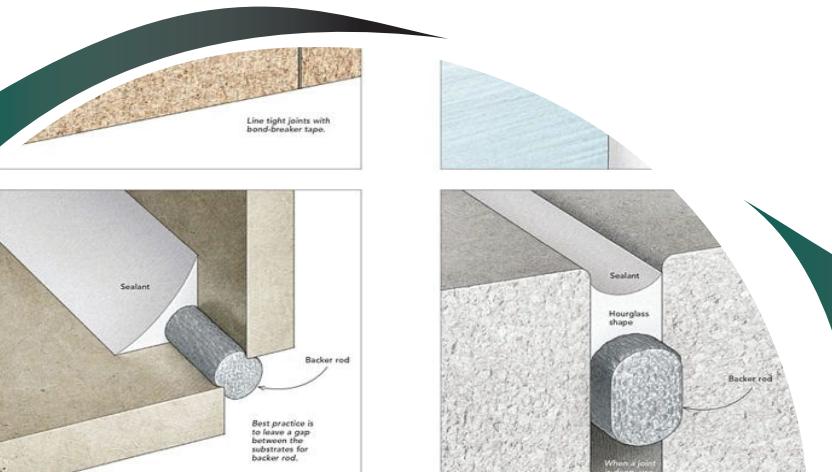
PU flooring

PU coating

Bitumen Coating

Latex

Waterstopper



Technical Data

TYPE	Core Crack seal
Appearance	Pasty
Color	Grey / White
Elongation rate acc. to DIN 53455	> 600%
Application temperature	5-35°C
Modulus at 100% elongation	~ 0.38 Mpa
Tensile strength acc. to DIN 53455	1.6 Mpa
Movement	± 25-50%
Cure time (23°C)	3 mm / 24 hrs
Density (20°C)	1.20 g/cm3
Resistance to dilute acids and base"	Good
Resistance to petrol, diesel, kerosene, lubricating oil, skydrol	Good
UV resistance	Good
water and salt spray resistance	Excellent
Compatibility Water based	Yes
Shore Hardness A	25

Consumption (for a sausage of 600ml)*

Joint length [m] per 600 ml foil pack	Joint width [mm]	Joint depth [mm]
6	10	10
4	15	10
3	20	10
2	25	12
1.3	30	15

Standards:

WRC (contact with drinking water, based on DN BS 6920: part 1: 1990).

Important Information:

Supplied in: 600 ml sausages. 20 sausages per carton.

Storage: Dry, frost free area. Out of direct sunlight.

Shelf life: 12 months.

Hazard Class: No dangerous goods. Consult MSDS for Details.

Application Guidelines

Substrate preparation:

The substrates must be clean, even, dry, and free of dust, oil, grease and any contaminants that could harm bonding. If the substrates need to be cleaned, use a suitable cleaner such as Core Cleaner no. 2. We recommend to clean concrete with a metal brush. Apply a primer if necessary. Most substrates can be bonded without primer.

Application:

Core Crack Fix may be applied by a manual or pneumatic gun. After application, use a putty knife to smooth the joint with soapy water. After the necessary substrate preparation, insert a suitable backing rod to the required depth sealant must be firmly toolled against the joint sides to ensure adequate adhesion. It is recommended to use masking tape where exact joint lines or neat lines are required. Remove the tape within the skin time.

This product should be used within 24 hours of opening the cartridge protection; otherwise, the sealant could harden in the cartridge. Do not apply at a temperature under 0 °C.

Cleaning:

Tools should be cleaned with cleaner no. 2 before the sealant has completely cured. After curing, abrasion is necessary.

The information contained in this brochure reflects our current knowledge and experience and is intended to assist designers, contractors and end users. It does not release the purchaser from carrying out their own tests and verifications to ensure the product is suitable for the specific application. All data presented are based on tests under normal laboratory conditions; actual values may vary on site. Recommendations are given in good faith but without warranty, as conditions beyond our control may affect product performance. Core Chemicals reserves the right to modify specifications without prior notice. The purchaser is responsible for ensuring the product is used in accordance with current standards and regulations. Our technical service team is available to provide guidance at any time.

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