

RAPIDCRACK repair
Repair Resin Containing Two-Component
Silicate Resin**Technical Product Document**

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Revised:

DEFINITION

RAPIDCRACK is a repair resin containing two-component silicate resin without solvent which is used for covering the concrete base tears and cracks requiring force.

SPECIAL CHARACTERISTICS:

- ❖ It is suitable for chair rolls and floor heating.
- ❖ Fast and simple application
- ❖ Easy mixing in barrel

| TECHNICAL DATA | Component A | Component B |
|--|-------------|-------------|
| Determination of density 25 °C [g/cm ³] | 1470 ± 40 | 1130 ± 40 |
| Viscosity at 25 °C [MPa.s] | 260 ± 50 | 150 ± 50 |
| Flash point [°C] | - | > 200 |
| Mixing | 1 | 1 |
| Colour | tawny | brown |

Reaction at 25 °C

Processing time: Up to 8 minutes after mixing the components

Trowelling: 10 – 14 minutes

Curing: 15 – 22 minutes

Durability: 24 hours

COMPOUND AND CHARACTERISTIC :

Comp. A is a mixture of sodium silicate and its derivatives.

Comp. B is a modified polyisocyanate material.

APPLICATION:

Pour the components into the bottle with component A. After the bottle is tightly closed, shake component A thoroughly for approximately 15 seconds, but do not mix! To repair the tear, fill the homogeneously mixed resin

into the tear directly from the bottle and smooth it. To level the material connections on the balancing mass to be applied or on the adhesive-bonded material, sprinkle the fresh material with 0,5 - 0,7 mm granular resin sand dried by fire and spread it.

FLOOR REQUIREMENTS:

Floor and ambient climate must comply with the requirements of DIN 18365. Underfloor should be flat, dry, hard and free from dirt and materials that may inhibit adhesion. If necessary, first paint cracks should be widened, for example, with a grinder, and cleaned thoroughly. At regular intervals, cracks half of the half concrete slab is opened on the tear and shaft connections are placed.

PACKAGING:

Component A: 300 ml Component B: 300 ml PE Bottle

STORAGE AND SHELF-LIFE: In dry storage between 10 °C and 30 °C, 12 months after manufacture.

TREATMEN: The hardened product can be treated as household waste.

