

SYSTOPP®

Easy SR

Rapid Hardening Crack Repair Resin Kit

Artnr.: 43.800

Application area

SYSTOPP® Easy SR is used for the rapid repair and bonding of static non-structural cracks and static joints in sand/cement screeds. Suitable for use on fully commissioned under floor heated screeds. Suitable for residential and commercial use. For interior use only.

Description

SYSTOPP® Easy SR is a solvent free polymermodified 2 component silicate resin system. The kit is easy to use and includes stitching pins, mixing/dosing bottles and protective gloves.



Technical datasheet

Product information

Raw material base:		Polymermodified silicate resin
Colour:		<p>Komponente A: brown</p> <p>Komponente B: clear</p>
Density:	at 20 °C	<p>Komponente A: 1.13 g/cm³</p> <p>Komponente B: 1.48 g/cm³</p>
Mix-proportions:		<p>Komponente A: 300ml (0.339 kg) plastic bottle</p> <p>Komponente B: 300ml (0.444 kg) plastic bottle</p>
Parts:		1:1 in volume
Processing time:	at 20 °C	approx. 10 minutes
Walkability:	at 20 °C	approx. 20 minutes
Hardening:	at 20 °C	30 - 40 minutes
Labeling according to GHS/CLP:		<p>Komponente A: GHS07 „irritating substance“ GHS08 „health hazard substance“ Signal word: Danger</p> <p>Komponente B: GHS05 „caustic substance“ Signal word: Danger:</p>
Labeling according to GGVSEB/ADR (both components):		none
Shelf life:		must be stored in unopened packaging above 10°C, in dry frost-free conditions. If stored correctly, as detailed above, use within 12 months of the date shown on the packaging.
Disposal:		Dispose of contents/container in accordance with local regulations.

Knopp GmbH
Adolf-Oesterheld-Str. 1 | D-97337 Dettelbach
Tel.: +49 9324/9199-0 | Fax: +49 9324/9199-66
E-Mail: info@knopp-chemie.com | Internet: www.knopp-chemie.com

The indications and recommendations are conforming to the recent status of our knowledge and do not free the customer of our product to test the product on its own for its operation purpose. All liability from these prescriptions is excluded.

Application

All substrates must be hard, sound and free of dust and other barrier materials that will inhibit adhesion to the substrate. Open up the cracks by cutting to 2/3 thickness of the substrate (note: check for the presence of electrical, heating or plumbing services before cutting). Where stitching is required, cut slots at right angles across the crack suitable to insert the metal stitching pins, at approximately 20cm intervals. Vacuum to remove all the dust and debris from the crack and cut slots. Where stitching is required insert the stitching pins into the cut slots.

Wearing the protective gloves provided, pour Component B in to the plastic bottle of Component A and shake vigorously for approximately 15 seconds ensuring a homogenous yellow mix is achieved.

After mixing, cut the end of the pouring spout, on the bottle to open it. Within the products 10 minute working time, pour SYSTOPP® Easy SR into the cracks and stitching slots, where stitching is required, ensuring they are filled. Remove any excess material immediately using a scraping blade to bring it flush and apply fine aggregate to the surface to provide a suitable key for subsequent applications of levelling compounds or tile adhesives.

When applying fine aggregates as a sand blind, ensure this is carried out whilst SYSTOPP® Easy SR is still fresh. Excess fine aggregate must be removed by brushing or vacuum after the SYSTOPP® Easy SR has set (typically 20 minutes at 20°C), leaving a sand paper like finish as a mechanical key.

The product can receive loads in as little as 20 minutes, and is ready to receive levelling and smoothing compounds or tile adhesives, in as little as 40 minutes.

To fix profiles and grippers, a paste like consistency can be achieved by leaving the material in the bottle after mixing, for a few minutes. Apply and fix immediately once the desired consistency is achieved.

Fresh spills of materials can be removed with a suitable tool cleaner. Hardened material must be mechanically removed. If in any doubt trials of the product are recommended.

Note:

Apply SYSTOPP® Easy SR only at temperatures above 15°C. The hardening times are dependent upon site conditions and will be extended at lower temperatures and shortened at higher temperatures.

Health and safety

Componente A:

Contains: diphenylmethanediisocyanate, isomeres and homologues. Causes skin irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Causes serious eye irritation. Harmful if inhaled. Suspected of causing cancer. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.

Do not breathe mist/vapours/spray. Wear protective gloves / eye protection. In case of inadequate ventilation wear respiratory protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

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Componente B:

Contains: Silicic acid, sodium salt. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Avoid breathing mist/vapours/spray. Wear protective gloves / eye protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

Important:

Before industrial or commercial use from August 24th, 2023 an appropriate training must be carried out. You can find more information at:
www.knopp-chemie.com/en/produkte/systopp/systopp-r-easy-sr

Technical datasheet

Legal notices

All technical data and information in this leaflet are based on laboratory tests. Divergences can occur due to special conditions at the construction site which we are unable to influence. All information, prescriptions and recommendations for the processing and the use of our products refer to our experiences and insights for the standard case and require a proper storage and processing. A legal warranty for a working result or a liability from these prescriptions or oral consulting cannot be withdrawn, because of use of different materials, bases and working conditions, only if we can be charged with intention or gross negligence. The user must prove that he has send all knowledge in written form and in due time to the company Knopp GmbH to permit a correct rating.

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