

DATASHEET

Okapol SH

Universal resin based
binder and adhesive

- solvent free
- low in emission
- low odour
- for mechanical closing and bridging cracks and joints in screeds
- easy to mix
- extremely fast curing
- liquefied or pasty consistency
- mixing of partial quantities possible



PRODUCT DESCRIPTION

Versatile, easy-to-mix, 2-component silicate casting resin for the non-positive closure of screed cracks and screed joints, as well as for the gluing down of angle rails, nail strips, profile strips and strips of metal, plastic and wood. The consistency can be adjusted depending on the joint width. The fast hardening of **Okapol SH** allows the surface to be covered after 45 - 60 minutes.

SUBSTRATE PREPARATION

The substrate must be inspected and ready for installation in accordance with the respective regulations of the individual countries as well as the current state of technology. Substrates must be pre-treated in accordance with the current BEB datasheet ('Evaluation and Preparation of Substrates').

Screed edges must be solid and load-bearing. Remove loose and soft screed edging. If necessary expand cracks with a cutting disc and vacuum debris with a powerful industrial vacuum cleaner. If necessary, cut approximately 20 - 30 cm cross sections and install Kiesel screed clamps.

PROCESSING

Transfer the contents of the bottle from **Okapol SH** component B to component A and close the bottle. Then shake vigorously for at least 15 seconds until a uniform colour is formed. Cut the tip of the bottle grommet to match the width of the crack. Mix the partial amounts in the volume ratio of 1: 1 in the manner described above.

In the beginning, the viscosity of the mixed material is thin and perfect for narrower joints. After about 4 minutes, the material begins to become thicker. In this pasty form, it is ideal for wider joints. After the crack is closed flat trowel the surface and sprinkle fire-dried quartz sand into the wet substance until complete saturation. To glue angle rails, nail strips, metal profiles and strips **Okapol SH** is applied to the substrate using a suitable trowel following by immediate insertion while being pressed well into the wet adhesive. The glued materials must be held secured against slipping during the setting. If necessary, fix with suitable aids. For larger joints or for closing wider cracks **Okapol SH** can also be mixed with fire-dried quartz sand of 0.3 - 0.8 mm grain size. First, mix both components of **Okapol SH** and then add quartz sand.

Joint width	Quartz sand	Okapol SH
> 5,0 mm (larger size)	2 parts	1 part
3,0 to 5,0 mm (middle size)	1 part	1 part
1,0 to 3,0 mm (small size)	without	pure

Okapol SH can also be used for under-injection of hollow spaces below parquet elements.

Cautious over finished surfaces: After **Okapol SH** has cured, it can only be removed from the surface mechanically.

When fresh, clean thoroughly with **Bakit RT** and wipe with well absorbent paper towels.

SPECIFICATIONS

Color	Component A: transparent Component B: brown
Application	interior, exterior, floor
Application temperature	+ 15 °C to + 20 °C (59 °F to 68 °F)
Temperature resistance	max. + 50 °C (122 °F)
Mixing ratio	1 : 1 volume parts
Processing time*	8 minutes at + 20 °C (68 °F)
Through-hardening time	after approx. 24 hours
Floor heating system	suitable
Walkable* / ready for grouting*	after approx. 45 to 60 minutes
GISCODE	RU 1
EMICODE	EC 1 ^{Plus}
Storage	store in frost protected area for up to 12 months. Do not store below + 10 °C (50 °F and above + 30 °C (86 °F)

* At 68 °F (+20 °C) and 65 % relative humidity. Higher temperatures and lower humidity decreases, lower temperature and high humidity increase this value respectively.

IMPORTANT NOTICE

- For professional users only
- Not suitable for spraying

Please note: As of August 24, 2023, appropriate training must be provided prior to industrial or commercial use.

COVERAGE

Depending on the width and depth of the screed cracks and joints. With a crack width of 4.0 mm and a ridge depth of 25 mm, the consumption is approx. 120 ml / m.

CLEANING

Clean tools immediately with **Bakit RT**, alcohol.

PACKAGING

Product description	Item no.	Item no.
Box with 5 sets Comp. A (300 ml) + Comp. B (300 ml) + screed claps	60339	4015705603391

The aforementioned information, especially the proposals for processing and utilizing our product, is based on our knowledge and experience. We recommend that you carry out your own tests in every case to ensure the suitability of our products for the intended process and processing purposes because of the different materials and the working conditions which lie beyond our area of influence. No liability can be derived from this advice or from verbal advice, unless we are responsible for (criminal) intent or gross negligence in this respect.

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