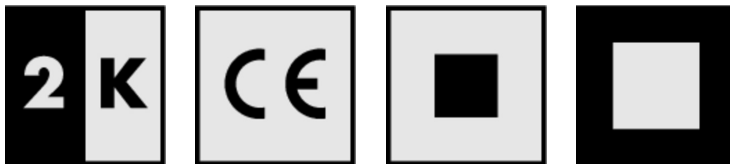


ASODUR[®]-GH-S

Rapid setting silicate casting resin



Material number	Contents	Packaging	Colour
205798001	600 ml	Set	light yellow

Product features

- Two component
- Resistant to alkaline solutions, diluted acids, salt solutions and many organic solvents
- Full service conditions early
- Low odour
- Very low emission - EMICODE[®] EC 1^{PLUS}
- Very good penetration characteristics

Advantages

- Easy and rapid mixing - without tools
- Early loadability and workability
- Including disposable gloves and screed clamps

Areas of application

- As casting resin for "nailing" wide cracks with screed clamps
- For non-positive sealing of cracks and joints
- Suitable for heated substrates

Existing test certificates

EMICODE licence

ASODUR[®]-GH-S

Technical Data

Material properties

Product components	2 component system
Base material	Mod. silicate resin
Consistency	Liquid
Density (component A)	approx. 1.12 g/cm ³
Density (component B)	approx. 1.48 g/cm ³
Viscosity, ready to use product [value]	approx. 1000 mPa*s

Mixing

Mix ratio, component A	1 weight proportion
Mix ratio, component B	1 weight proportion
Mixing time	approx. 15 - 20 seconds

Application

Substrate temperature	from 10 °C to 30 °C
Max. relative humidity	80 %
Pot life	approx. 10 minutes
Minimum reaction temperature	min. 10 °C
Mixing method, machines, tools	Shake
Consumption	Approx. 200 ml/m with 10 mm x 5 mm (joint depth x joint width)
Application temperature	from 10 °C to 30 °C
Overcoat after	approx. 25 minutes
Hardening time / full resilience	approx. 24 hours

Application technology

Aids/tools

Filler

Substrate preparation

Requirement for substrate

1. Load-bearing
2. Dry
3. Firm
4. Grippy
5. Free of adhesion inhibiting substances

Substrate quality class

	Quality / surface cleanliness	Tensile adhesion strength	Age	Moisture content
Concrete	at least C20/25	≥ 1.5 N/mm ²	at least 28 days	<4% (CM method)
Screed	at least CT-C25-F4 in accordance with DIN EN 13813	≥ 1.5 N/mm ²	at least 28 days	<4% (CM method)

Crack preparation

1. Depending on their length, open the cracks or joints to 1/2 to 2/3 of the screed thickness using a cut-off wheel.
2. Cut approx. 10 cm long transverse slits at right angles to the crack one after the other every 30 cm.
3. Then clean the cut areas meticulously with an industrial vacuum cleaner and remove any dust.
4. Insert the screed clips provided into the transverse grooves.

ASODUR[®]-GH-S

Usage

Mixing

1. The (ideal) material temperature during the mixing procedure is +15 °C.
2. Add the resin (component A) totally to the hardener (component B).
3. The resin must run out of the container completely.
4. Seal the container again and shake for around 15–20 sec. until the consistency is homogeneous and free of streaks.
5. After the mixing process, the sealing cap must be cut open to match the existing crack width.

Crack filling

1. Apply the mixed casting resin to the cut joints until saturated.
2. Re-grouting may be necessary.
3. Use a spatula to remove excess material immediately.
4. After the gel phase has been reached, sprinkle the surface of the fresh casting resin completely with quartz sand (Ø 0.1–0.6 mm).
5. After hardening, vacuum off the unbound, loose quartz sand.
6. Fresh contaminants can be removed with the ASO-R001 cleaner – cured material can only be removed mechanically.

Cleaning tools

Immediately after use, clean tools with ASO-R001.

Storage conditions

Storage

Store in a frost-free, cool and dry place. At min. 10 - 30 °C for 9 months in the original canister. Promptly use opened canister.

Disposal

Hardened product leftovers can be disposed of in accordance with disposal code AW 12 01 05.

Notes

- The indicated consumption quantities are calculated values without additions for textured surface roughness and absorbency, level compensation, and residual material in the canister. We always recommend a calculated safety addition of 10% on top of the calculated consumption quantities.
- Higher temperatures shorten the pot life. Lower temperatures increase the application and hardening times.
- Only once the screed has reached its permissible residual moisture content, i.e. is ready for laying, should the screed cracks and crack control joints be closed.
- Observe the technical data sheets of the products mentioned before starting work.
- Applications that have not been clearly mentioned in this technical data sheet may only be carried out after the technical service department of SCHOMBURG GmbH has been consulted, and after the said department has approved of such a course of action in writing.
- For detailed information on application, read and observe supplementary technical information no. 19 "Applying ASODUR products".

The recognised standards of construction engineering, the relevant guidelines and current regulations must be observed.

Observe applicable safety data sheet!

GISCODE: PU40

The rights of the buyer with regard to the quality of our materials are based on our terms and conditions of sale and delivery. Our technical advice team will be happy to advise you in the case of requirements that exceed the scope of the application described here. In order to be binding, a legally binding written confirmation is required. The product description does not release the user from a duty of care. Lay a test area in the event of uncertainty. This version becomes invalid in the event of a new version being issued.