



Technical data sheet

ASODUR®-IH INDUCRET®-VK-Injekt

Injection resin

Art. no. 2 05769

- solvent-free
- transparent
- two component
- resistant to alkaline solutions, diluted acids, salt solutions, fuels and minerals and to freeze-thaw changes

Packaging: 1 and 3 kg containers
Component A and component B are in the predetermined mix ratio.

Storage: Frost-free, cool and dry, $\geq +10\text{ °C}$ to $+25\text{ °C}$, 18 months in the original unopened container, use opened container promptly

Areas of use:

ASODUR-IH is used for the force-locking bonding of cracks and joints in concrete and concrete components. Not suitable for statically relevant areas.

Technical data:

Basis: 2-comp. epoxy resin
Standard colour: transparent
Viscosity*: approx. 380 mPa
Density*: approx. 1.06 g/cm³
Mix ratio: 2 : 1 parts by weight
Ambient and substrate temperatures: min. +8 °C
max. +35 °C
at max. 80 % rel. humidity
Application time: approx. 60 min. at +10 °C
approx. 45 min. at +20 °C
approx. 12 min. at +30 °C
Overcoat*: after approx. 16 to max. 24 hours.
Easily withstands*: after approx. 48 hours.
Fully cured*: after approx. 7 days
Compressive strength: approx. 79 N/mm²
Bending tensile strength: approx. 33 N/mm²
Tensile adhesion strength: $\geq 1.5\text{ N/mm}^2$
Shore D hardness: approx. 75
Water absorption: max. 1.5 mixed %
* at +23 °C and 50% rel. humidity

Cleaning: Immediately after use, clean tools meticulously with ASO-R001.

Substrate:

The following criteria must be fulfilled:

Cement-based surfaces

- Quality of concrete: min. C20/25
- Quality of screeds: min. EN 13813 CT-C35-F5
Tensile adhesion strength: $\geq 1.5\text{ N/mm}^2$
Age: min. 28 days
- Quality of the plaster: min. P IIIa/P IIIb
Tensile adhesion strength: approx. 0.8 N/mm²
- Moisture content: <4 % (CM method)

Application:

Component A (resin) and component B (hardener) are delivered in the predetermined mix ratio. Component B is totally added to component A. It should be ensured that the hardener runs completely out of its container. A suitable mixer should be used to mix the two components at approx. 300 min⁻¹ until the mixture is homogeneous and streak-free; mixing time approx. 3 minutes. The material temperature should be at a minimum of +15 °C during the mixing procedure. Do not apply the mixed material from the delivered packaging! Decant the mass into a clean mixing bucket, and stir meticulously once again.

Working tools:

Hand lever press, foot lever press, spraying systems

ASODUR®-IH

Method of application/Consumption:

1. Drill holes into existing cracks (crack width approx. 0.2 mm) at a distance of approx. 20 cm.
2. Clear any drilling debris in the drilled holes using oil-free compressed air.
3. Insert the injection packer.
4. Seal the packer and crack zone on the surface with ASODUR-EK98.
Strip width: approx. 15 cm
Consumption: approx. 300 g/m
5. After the crack insulation has cured, press in the thoroughly mixed ASODUR-IH using a pressing device.
Consumption: approx. 1000 g/l
6. After the injection resin has cured, remove the injection packer, if relevant, and plug the boreholes flush with the surface using ASOCRET-M30.

Notes:

- SCHOMBURG products are normally delivered in working packs, i.e. in matched and predetermined mix ratios. For deliveries in large packs, partial quantities must be weighed out using a scale. Always stir up the filled components thoroughly and only then mix them with the second component. This takes place using a suitable stirrer, e.g. Polyplan/a round-plate mixing machine or equivalent. To avoid mixing errors, the material is transferred to a clean container and mixed again. The mixing speed should be approx. 300 rpm. Ensure that air is not mixed in. The temperature of the components should be minimum +15 °C. This also applies to any filler materials that should be mixed in, e.g. sand. Mixing in filler materials should take place after the liquid components have been mixed.
- Higher temperatures shorten the application time. Lower temperatures increase the application and hardening times. The rate at which material is consumed also increases at lower temperatures.

- The indicated consumption quantities are calculated values without additions for surface roughness and absorbency, level compensation, and residual material in the container. We recommend a calculated safety addition of 10 % on top of the calculated consumption quantities.
- 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.
- Hardened product leftovers can be disposed of in accordance with disposal code AVV 150106.

Please observe valid EU safety data sheets!

GISCODE: RE 1