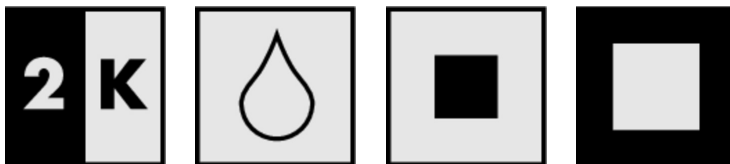


# ASODUR®-IH

Injection resin on epoxy resin basis



| Material number | Contents | Unit of quantity | Packaging         | Colour      |
|-----------------|----------|------------------|-------------------|-------------|
| 205769001       | 1        | KG               | Combination packs | Transparent |

### Product features

- Two component
- Solvent free
- chemical-resistant
- Frost and thaw resistant
- Corresponds to chemical regulation ChemVOCFarbV (2004/42/EC)

### Advantages

- Transparent
- Powerful bond

### Areas of application

- For force-locking bonding of cracks in concrete
- For crack injection in concrete components
- Not for statically relevant areas

# ASODUR<sup>®</sup>-IH

## Technical Data

### Material properties

|  |                                |
|--|--------------------------------|
| Product components                                 | 2 component system             |
| Base material                                      | Epoxy resin                    |
| Dichte, verarbeitungsfertiges Produkt (ISO 1183-1) | approx. 1.06 g/cm <sup>3</sup> |
| Flexural strength                                  | approx. 33 N/mm <sup>2</sup>   |
| Compressive strength                               | approx. 79 N/mm <sup>2</sup>   |
| Shore-D hardness                                   | approx. 75                     |
| Viscosity, ready to use product [value]            | approx. 380 mPa*s              |
| Water absorption                                   | max. 1.5 %                     |

### Mixing

|                        |                     |
|------------------------|---------------------|
| Mix ratio, component A | 2 weight proportion |
| Mix ratio, component B | 1 weight proportion |
| Mixing time            | approx. 3 minutes   |

### Application

|                                   |                     |
|-----------------------------------|---------------------|
| Substrate temperature             | from 10 °C to 35 °C |
| Pot life                          | approx. 45 minutes  |
| Minimum reaction temperature      | min. 10 °C          |
| Consumption per litre - voids     | approx. 1.1 kg/l    |
| Application temperature           | from 10 °C to 35 °C |
| Overcoat after                    | approx. 16 hours    |
| Hardening time / full resilience  | approx. 7 days      |
| Hardening time / light resilience | approx. 48 hours    |

## Application technology

### Aids/tools

- Hand lever press
- Foot lever press
- Injection pump
- Stirrer

## Substrate preparation

### Substrate quality class

|          | Quality / surface cleanliness                      | Tensile adhesion strength | Age              | Moisture content |
|----------|--|---------------------------|------------------|------------------|
| Concrete | at least C20/25                                    | ≥ 1.5 N/mm <sup>2</sup>   | at least 28 days | <4% (CM method)  |
| Screed   | at least CT-C25-F4 in accordance with DIN EN 13813 | ≥ 1.5 N/mm <sup>2</sup>   | at least 28 days | <4% (CM method)  |
| Plaster  | at least P III a / P III b                         | ≥ 0.8 N/mm <sup>2</sup>   | at least 28 days | <4% (CM method)  |

## Usage

### Crack filling

1. Drill holes into existing cracks (crack width approx. 0.2 mm) at a distance of approx. 20 cm.
2. Clean the drilled holes from drill dust.
3. Insert the injection packer.
4. Seal the packer and crack zone on the surface with ASODUR-EKF. Consumption: approx. 1.4 kg/m<sup>2</sup> per mm layer thickness
5. After the crack insulation has cured, press in the thoroughly mixed ASODUR-IH using pressing equipment.
6. After the injection resin has cured, remove the injection packer (if relevant), and plug the drilled holes flush with the surface using ASOCRET-M30. Consumption: approx. 1.4 kg/l

## ASODUR<sup>®</sup>-IH

### 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 - 25 °C for 18 months in the original canister. Promptly use opened canister.

### Disposal

Hardened product leftovers can be disposed of in accordance with disposal code AW 15 01 06.

### 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: RE 30

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.