



Technical Data Sheet

INDUFLOOR®-IB2320

Outdoor sealer, elastic

Art.-No. 5 55025

Properties:

INDUFLOOR-IB2320 is a single component, low solvent, pigmented polyurethane resin with the following properties:

- viscoplastic and crack bridging once cured
- resistant to dilute acids and alkalis
- resistant to UV and weathering.

Areas of application:

INDUFLOOR-IB2320 is used for sealing/coating cement-based substrates such as concrete, screeds and plasters that are subjected to light to medium mechanical loading e.g. pedestrian traffic:

- balconies and terraces
- access balconies, corridors, loggia
- industrial areas
- showrooms, sales rooms and passageways
- for the production of decorative surfaces together with INDU-Farbchips.
- as a final finish in the car park deck system INDUFLOOR-IB3365.

Technical Data:

Basis:	single component polyurethane resin
Colour:	approx. RAL 7032 (standard)
Density:	1,40 g/cm ³ at +23° C
Application temperature:	min. +5° C to max. +30° C
Pot life:	approx. 40 minutes at +23° C
Traffic after:	min. 12 hours at +23° C/65% rel. LF
Overcoat after:	min. 12 hrs, max. 24 hrs at +23° C/65% rel. LF
Fully cured:	after 7 days at +23° C/65% rel. LF
Minimum curing temperature:	+5° C

Shore-D-hardness:	65 (DIN 53505)
Elongation at break:	170% (DIN 53455)

Cleaning:

Thoroughly clean tools immediately after use with INDU-IB Cleanser.

Packaging:

12.5 kg containers.

Storage:

6 months when stored dry and cool above +10° C in the original unopened packaging.

Surface preparation:

The area to be treated must be:

- dry, firm, sound and have a good grip
- free from separating and adhesion inhibiting substances such as dust, laitance, grease, oil, rubber marks, paint residues and similar
- protected from moisture ingress from the rear.

Use suitable means to prepare the substrate dependent on its condition such as e.g. sweeping, vacuuming, brushing, planing, scabbling or shot blasting. The following criteria are to be fulfilled dependent on the particular substrate:

Cementitious surfaces:

- Concrete quality: min. C20/25
- Screed quality: min. EN 13813 CTC25-F6
- Tensile adhesion strength: > 1.5 N/mm²
- Plaster quality: min. P IIIa/b
- Age: min. 28 days
- Tensile adhesion strength: > 0.8 N/mm²
- Residual moisture: < 4% (carbide hygrometer method)

INDUFLOOR®-IB2320

Product preparation:

INDUFLOOR-IB2320 is delivered ready for use. Prior to use thoroughly mix the contents. Stir mechanically at a max. of 300 rpm (e.g. drill with paddle). Ensure that mixing takes place from the sides and the bottom. Mix until a homogenous mixture is obtained (free from striations). Maintain a mix temperature of +15° C during preparation.

Method of application / consumption:

Prepare the substrate as described above before applying INDUFLOOR-IB2320. Prime the substrate. Prime cement-based substrates with INDUFLOOR-IB1260. Consumption: approx. 300 – 600 g/m². Broadcast sand, of grain size 0.2 – 0.7 mm, into the wet primer. Consumption: 0.8 – 1.0 kg/m². After waiting for a minimum of 12 hours up to a maximum of 24 hours at +23° C/65% RH apply two coats of INDUFLOOR-IB2320 by trowel, roller or brush. Consumption: approx. 0.8 – 1.3 kg/m².

Health and safety:

Once cured INDUFLOOR-IB2320 is harmless. When using this product the government health and safety protective directive data sheet M023 should be observed as well as the advice on the packaging.

Important advice:

- The material contains small amounts of solvent. When working in enclosed spaces ensure there is adequate ventilation and extraction.
- Colourways: Minor colour variations due to production plants and raw material fluctuations are unavoidable. This should be considered when applying coatings. Neighbouring sections should be completed with the same production units (see batch number on the packaging).
- The bond between the individual coats can be heavily impeded through the influence of dampness or contamination between the applied coats. When longer waiting times occur between coats or where

an area already treated with the liquid resin is to be renewed after a long waiting period thoroughly clean and abrade the surface. Afterwards apply a completely new sealer coat.

- Surface protective systems must be protected from dampness after application (e.g. rain, melt water). Dampness produces a white discolouration and/or stickiness on the surface and can impede the cure. Discoloured and/or sticky surfaces should be taken off e.g. by abrading and renewed.
- Applications that are not clearly explained in this technical data sheet may only be carried out after consultation with and written confirmation from the Technical Services Department of SCHOMBURG ICS GmbH.

Notes:

- Before applying to vertical or sloping surfaces it is recommended that INDU-Faserfüllstoff is added. The addition rate lies between 3 and 5% by weight.
- Use INDUFLOOR-IB1250 moisture barrier (see technical data sheet) where residual moisture is greater than 4% or where there is negative moisture pressure.
- Surfaces into which coloured chippings have been broadcast may only be walked on with clean footwear in order to avoid contamination.
- When using rubber squeegees use only solvent resistant types.

Please observe a valid EU safety data sheet.

GISCODE: PU 20