



Technical Data Sheet

INDUFLOOR®-IB2250

Ultra protect

Art.-No. 5 50026

Properties:

INDUFLOOR-IB2250 is a surface protective coating with the following properties:

- transparent
- dries satin-matt
- solvent free
- light fast and UV stable
- high chemical resistance.

Areas of application:

INDUFLOOR-IB2250 is used as a surface protection on

- precast concrete slabs
- precast concrete panels
- concrete and cement-based screeds
- magnesite and calcium sulphate screeds
- INDUFLOOR coatings, especially those coatings broadcast with INDU-ColorChips or INDU-Decor-Quartz.

Technical Data:

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| Basis: | two component polyurethane-acrylate resin |
| Colour: | transparent |
| Mixing ratio: | 100:10 parts by weight |
| Density: | approx. 1.03 g/cm ³ at +23° C |
| Viscosity: | low viscosity |
| Pot life: | approx. 2 hours at +23° C |
| Application and substrate temperature: | min. approx. +8° C, max. approx. +30° C |
| Foot traffic after: | approx. 3 hours at +23° C / <7 5% RH |
| Chemically resistant: | after approx. 3 days at +23° C / < 75% RH |
| Solids content: | approx. 36.5% |

Cleaning:

Thoroughly clean tools immediately after use with water.

Packaging:

3 kg and 10 kg containers. Components A and B (separate containers) are delivered in a predetermined mixing ratio.

Storage:

12 months when stored dry, cool and frost-free 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 e.g. dust, grease, rubber marks, paint residues and similar.

Use suitable means to prepare the substrate dependent on its condition such as e.g. abrading, brushing, sweeping and vacuuming. The INDUFLOOR coating to be sealed should not be older than 24 hours.

Product preparation:

Components A (resin) and B (hardener) are delivered in separate containers in a predetermined mixing ratio. Tip component A into component B. Ensure that the hardener drains completely from its container. Mixing of the components is to be carried out with a suitable mixer at approx. 300 rpm (e.g. drill with paddle). It is important to also stir from the sides and the bottom to ensure that the hardener is evenly dispersed. Stir until the mix is homogenous (free from striations); mixing time 3 minutes. The minimum temperature during mixing should be +15° C. **Do not use mixed material directly from the packaging.** Decant the material into a clean container and mix through thoroughly once again.

Method of application / consumption:

Apply INDUFLOOR-IB2250 in one coat. Pour the mixed material over the floor in sections and spread

INDUFLOOR®-IB2250

with a solvent resistant rubber bladed squeegee and subsequently roll thoroughly and evenly with a short napped fur roller or surface leveller. Keep areas of overlap to a minimum.

Consumption:

Porous substrates: approx. 100 - 150 g/m²

Non-porous substrates: approx. 60 - 80 g/m²

Health and safety:

Once cured INDUFLOOR-IB2250 is harmless. When using this product the government health and safety protective directive, data sheet M 023, should be observed as well as the advice on the packaging.

Important advice:

- Higher temperatures shorten the pot life. Lower temperatures increase the pot life and curing time. Material consumption is also increased at lower temperatures.
- Waiting times between individual coats – min. 12 hours, max. 24 hours.
- Ensure there is good ventilation and extraction during the drying and curing phases.
- The bond between the individual coats to one another can be heavily impeded through the influence of dampness or contamination between the applied coats.
- The minimum substrate temperature must be a minimum of < 3° C above the dew point temperature.
- Applications that are too thick (greater material consumption) lead to an irregular satin finish, to crack formation and debonding.

- Protect surface protective systems from moisture (e.g. rain, melt water) for approx. 4 - 6 hours after application. Dampness can produce a white discolouration.
- 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.
- Cured product residues are to be disposed of under waste disposal classification 57123.

Please observe a valid EU safety data sheet.

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