



Technical Data Sheet

INDUFLOOR®-IB 1275

Priming and levelling mortar

Art.-No. 2 03510

Properties:

INDUFLOOR-IB 1275 is a two component, solvent free epoxy resin primer:

- pre-filled
- very good ability to de-aerate
- good substrate wetting capacity
- self levelling when used as a levelling mortar
- thicknesses from 0 - 2 mm

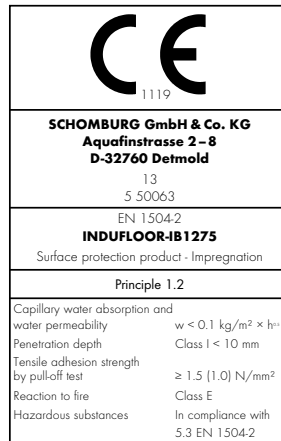
Areas of application:

As a primer or levelling mortar on cement-based areas such as concrete and screed beneath the following INDUFLOOR coatings:

- INDUFLOOR-IB-3357
- INDUFLOOR-IB-3358

Technical Data:

Basis:	2 component epoxy resin
Viscosity:	approx. 2000 – 2500 mPa·s at +20° C
Density:	approx. 1.50 g/cm ³ at + 23° C
Mixing ratio:	100 : 14 parts by weight
Pot life:	approx. 60 mins at +10° C approx. 45 mins at +23° C approx. 25 mins at +30° C
Application temperature:	min. +10° C, max. +30° C
Substrate temperature:	> 8° C and 3° K above dew point
Foot traffic after:	min. 12 hrs at +23° C
Overcoat after:	approx. 12 hrs, max. 24 hrs at +23° C
Tensile adhesion strength:	Concrete failure (B1.5)
Flexural strength:	53.5 N/mm ²
Compressive strength:	71.5 N/mm ²
Cleaning:	Clean work tools thoroughly after use with INDU-IB-Cleanser



Packaging:

28.5 kg container
 Component A and B are supplied at a pre-determined mix ratio

Storage:

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

Substrate preparation:

The areas to be treated must be:

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

Use suitable means to prepare the substrate dependent on its condition such as e.g. sweeping, vacuuming, brushing, planing, scabbling, grit-blasting, shot-blasting.

The following criteria are to be observed dependent on the particular substrate:

- Concrete quality: min. C 20/25
- Screed quality: min. EN 13813 CT-C25-F4
Tensile adhesion strength: >1.5 N/mm²
- Poured asphalt: min. AS-IC 15

Product preparation:

Components A (resin) and B (hardener) are delivered at a predetermined mixing ratio. Tip component B into component A. 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 streaks); mixing time 2 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.

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Application method/consumption:

Use as a primer:

Pour the mixed INDUFLOOR-IB1275 in portions over the area, spread with a rubber squeegee and then back roll with a short nap roller. Avoid ponding and bubble formation. Do not broadcast sand into the primer once completed. Apply subsequent coatings after a maximum waiting time of 24 hours at +23 °C. Consumption: 300 - 500 g/m² dependent on the absorption of the substrate.

Use as a levelling compound for irregularities of 1.00 - 2.00 mm:

Evenly apply a single coat of INDUFLOOR-IB1275 with a notched trowel or toothed rake to the desired thickness and, where there are air bubbles, slowly and evenly roll through with a spiked roller (metal type - Polyplan spiked roller or similar). Do not broadcast sand into the primer once completed. Apply subsequent coatings after a maximum waiting time of 24 hours at +23 °C.

Consumption for dry substrates:

Depth of irregularity	0.5 – 1.00 mm	1.00 – 2.00 mm
Consumption	0.60 – 1.50 kg/m ²	1.50 – 3.00 kg/m ²

Consumption for matt damp substrates:

Depth of irregularity	0.5 – 1.00 mm	1.00 – 1.50 mm
Consumption	0.60 – 1.50 kg/m ²	1.50 – 2.20 kg/m ²

Health & Safety:

INDUFLOOR-IB1275 is harmless once cured. The hardener (B) component is corrosive. When using the product follow the government health & safety regulations (data sheet M023) as well as the advice on the containers.

Important advice:

- As a rule SCHOMBURG products are supplied in working packs i.e. at a predetermined mixing ratio.

With deliveries in large containers, part quantities will need to be weighed using scales. Always thoroughly stir the filled components and only then blend with the second component. This is to be carried out with a suitable rotary mixer e.g. Polyplan/Ronden mixing paddle or similar. In order to exclude mixing errors, decant into a clean container and remix. The mixing speed should be 300 – 400 rpm. Ensure that no air is entrained. Higher speeds drag unnecessary air quantities into the product whilst lower speeds do not result in a good blend or require too long a mix time (pot life). The temperature of the components should be at a minimum of +15° C. This is also applicable to any fillers, e.g. sand, to be mixed in. The addition of any fillers is carried out after both liquids have been blended. Afterwards tip the completely mixed material immediately onto the prepared substrate and promptly thoroughly spread in accordance with the instructions in the technical data sheet. Always stir one component products before using.

- The application on to substrates covered in dew must always be avoided. Furthermore, damp sand may not be used and ensure that sweat does not fall on to the fresh coating, as this leads to foaming of the material.
- The bond between the individual coats can be heavily impeded through the influence of moisture or contamination between successive applications.
- If there is a long time period between coatings or if already treated surfaces are to be re-coated after a long time period, then thoroughly clean and abrade the surface followed by the application of a completely new pore free coat. It is not sufficient to simply overcoat.
- Surface protective systems must be protected for approx. 4 – 6 hours 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.

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- Cured product residues can be disposed of under waste disposal classification 15010.
- Please observe a valid EU safety data sheet!

Paint products directive (2004/42/EG):

Group I b: j

Level 2 (2010): max. 500 g/l

INDUFLOOR-IB 1275 contains: < 500 g/l

GISCODE: RE 1