



Technical Data Sheet

INDUFLOOR®-IB2310

Highly stable sealer

Art.-No. grey 5 55018

Art.-No. red 5 55019

Properties:

INDUFLOOR-IB2310 is a single component polymer dispersion with the following properties:

- solvent free
- pigmented
- chemically resistant to type EL fuel oil, diesel fuel, unused engine and transmission oil, transformer and hydraulic oils
- water vapour permeable
- withstands mechanical loading (pedestrians)
- crack bridging
- resistant to weathering.

Areas of application:

INDUFLOOR-IB2310 is used in interior areas in particular in accordance with national technical certification for coating

- reinforced concrete, concrete, plaster and screeded finishes in retaining basins and troughs.

Furthermore for:

- access balconies, balconies, terraces, industrial areas etc.
- wall areas in agricultural buildings.

Technical Data:

Basis:	single component polymer dispersion
Colours:	grey and red-brown
Viscosity:	approx. 150 d Pa s ± 15% at +20° C
Density:	approx. 1,33 g/cm ³ at +20° C
Application/ Substrate temperature:	+10° C to +30° C
Minimum curing temperature:	+8° C
Traffic after:	approx. 16 hours at +20° C
Overcoat after:	approx. 16 hours at +20° C
Fully cured:	after 7 days at +23° C

Cleaning:

Thoroughly clean tools immediately after use with water.

Packaging:

INDUFLOOR-IB2310 is available in 5 litre and 10 litre containers.

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 dust, laitance, grease, oil, rubber marks, paint residues and similar.

Use suitable means to prepare the substrate dependent on its condition such as e.g. sweeping, vacuuming, brushing, planing, scabbling, sand blasting, high pressure water jetting or shot blasting.

The following criteria are to be fulfilled dependent on the particular background:

Cementitious surfaces:

- Concrete quality: min. C20/25
- Screed quality: min. CTC25-F4
- Tensile adhesion strength: > 1.5 N/mm²
- Residual moisture: < 4%

- Plaster quality: min. P IIIa/P IIIb
- Tensile adhesion strength: approx. 0.8 N/mm²
- Residual moisture: < 4%

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Product preparation:

INDUFLOOR-IB2310 is delivered ready for use. For easier application stir the product before use. Stir mechanically with a paddle at max. 300 rpm.

Method of application / consumption:

1. Prepare the substrate (see above).
2. Produce covered fillets in corners and wall/floor junctions with a group III mortar.
3. Apply three coats of INDUFLOOR-IB2310 alternating colours each time (grey-red-grey or red-grey-red).
 - 3.1 Base coat (grey)
Dilute INDUFLOOR-IB2310 (grey) 1:1 by volume with water, then roller or brush apply in one coat. Consumption: approx. 120 ml/m².
 - 3.2 Intermediate coat (red):
After waiting for a minimum of 16 hours apply INDUFLOOR-IB2310 undiluted in one coat by roller or brush. Consumption: approx 450 ml/m².
 - 3.3 Final coat (grey):
After waiting for a minimum of 16 hours apply INDUFLOOR-IB2310 undiluted in one coat by roller or brush. Consumption: approx 220 ml/m².

Waiting time between individual coats: always between min. 16 and max. 24 hours at +23° C and 65% relative humidity.

Health and safety:

Once cured INDUFLOOR-IB2310 is harmless. When using this product the government health and safety protective directive should be observed as well as relevant data sheets and the advice on the packaging.

Important advice:

- Ensure that the coating is applied a minimum of 10 - 20 cm above the highest expected liquid levels.
- To ensure a speedy and thorough drying, open doors and windows and keep them open. Under advantageous drying conditions INDUFLOOR-IB2310 coatings can be trafficked and overcoated the next day (waiting time 16 hours).
- 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 thoroughly clean and abrade the surface after which a completely new pore free coat is to be applied. It is not sufficient to simply overpaint.
- 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 55513 "Old lacquer/old paint".

Please observe a valid EU safety data sheet.

GISCODE: MD-F 01