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SCHOMBURG

Technical Data Sheet

INDUFLOOR®-IB2010

Art.-No. 5 55009

Clear lacquer

Properties:
INDUFLOOR-IB2010 is a two component epoxy resin with the following properties:
- solvent free
- transparent
- conforms to the VOC regulations
- medium viscosity
- withstands mechanical loading
- watertight
- resistant to dilute alkalis, acids, aqueous salt solutions, lubricants.

Areas of application:
INDUFLOOR-IB2010 is used:
- as a pore blocking floor sealer on to smooth liquid rich finishes broadcast with coloured sand with a slip resistant surface in showrooms, sales areas, stairwells, corridors, access balconies, commercial kitchens, production areas, etc.

Technical Data:

Basis:	two component epoxy resin
Colour:	transparent
Mixing ratio:	100:44 parts by weight
Density:	approx. 1.08 g/cm³
Pot life:	approx. 40 minutes at +23° C
Substrate and application temperature:	min. approx. +10° C, max. approx. +30° C
Foot traffic after:	min. approx. 12 hours at +23° C
Overcoat after:	approx. 12 hours up to a max. 24 hours at +23° C
Fully cured:	after approx. 7 days at +23° C
Min. cure temperature:	+10° C

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. planing, brushing, vacuuming. The sanded area to be sealed should not be older than 24 hours.

Product preparation:
Components A (resin) and B (hardener) are delivered in 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 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:
Pore blocking/floor sealing:
Once the finished area broadcast with sand has cured thoroughly remove excess non-bound INDU-CSB-Quartz. This is followed by intermediate abrasion of the surface and another surface clean. After the cleaning process seal the sanded finish with the clear lacquer INDUFLOOR-IB2010 to block the pores.
Consumption: approx. 350 – 700 g/m² (dependent on the degree of non-slip required).

Tip the mixed INDUFLOOR-IB2010 on to the area and evenly spread with a solvent resistant rubber squeegee and roll through with a short napped fur roller at right angles.

INDUFLOOR®-IB2010

Notes:
The clear lacquer must be spread immediately after it has been tipped onto the floor. When this is not done certain areas will appear darker due to increased material consumption.

Cleaning & Equipment Maintenance:
Thoroughly clean tools immediately after use with INDU-IB Cleanser.

Packaging:
INDUFLOOR-IB2010 is available in 3 kg and 10 kg containers. Components A and B are delivered in a predetermined mixing ratio.

Storage & Shelf Life:
18 months when stored dry and cool above +10° C in the original unopened packaging.

Health and safety:
Once cured INDUFLOOR-IB2010 is considered harmless. The hardener (B) component is corrosive. Current relevant legislation should be followed at all times when working with epoxies, e.g. hazmat transportation, etc. For more information please consult www.plasticseurope.org.

Important advice:
- The application temperature may not fall below +10° C nor exceed +40° C.
- Higher temperatures shorten the pot life. Lower temperatures increase the pot life and curing time. Material consumption is also increased at lower temperatures.
- To increase pot life/working time at higher temperature store material in a cool environment above +10° C and only expose to warm temperature shortly before mixing.
- The bond between the individual coats to one another can be heavily impeded through the influence of dampness or contamination between the applied coats.
- When longer waiting times occur between application of the coats or where surfaces already treated with liquid resin must be re-coated after a long time, the surface must be well cleaned and abraded, after which a completely new pore free sealing should be undertaken. It is not sufficient to simply overcoat.
- Protect surface protective systems from moisture (e.g. rain) for approx. 4 – 6 hours after application. 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.
- Cured product residues are to be disposed of under waste disposal classification 57123 "Epoxy resin".

Please observe a valid EU safety data sheet.

GISCODE: RE 1