

Product description

INDURIT FLOW is a cementitious, coloured, self-smoothing screed formulated from special cement, aggregates and chemical admixtures.

It is designed for application at thickness between 4 and 15 mm in operation to provide a finished industrial or decorative floor. To be used inside only.

Properties

- Fast track installation: 1000 m²
- Fast setting :
 - Foot traffic after 5 hours
 - Light loads after 24 hours
 - Full loading after 7 days
- Low shrinkage
- Pumpable
- Coloured : natural, Red, white, Yellow, Light grey, green.
- Non dusting
- breweries
- ready meal manufacture

Health and Safety

INDURIT FLOW contents Cement. It may create skin irritations. Protect eyes and prevent prolonged skin contact. Wear appropriate gloves, overalls and eyes protection during use. Refer to material safety data sheet for additional information.

Physical properties

Compressive strength :	35 N/mm ²
Flexural strength :	10 N/mm ²
Adhesive strength :	3 N/mm ²
Abrasion resistance :	AR1
Bulk density :	1400 kg / m ³
Flowability :	130 - 160 mm
Coefficient of friction :	0,4
Wet density :	1700 kg / m ³
Consumption (1cm) :	16 - 18 kg / m ²
Open time :	15 minutes
Setting time :	90 minutes

A 25kg bag will yield approx 14 litres

A 25 kg bag will cover approx 2,8 m² at 5mm thickness

Method statement

Substrate preparation

INDURIT FLOW is designed primarily for application on concrete substrates. the substrate should have a surface tensile strength of at least 1,5 N/mm². Concrete and sand/ cement screeds must be dry and free from oil, grease or other contamination.

Priming

Normal substrates **CEMCOL** cementitious bonding agent or RINOL EP 200 should be applied to the prepared substrate. Coverage is 2 kg/m² for **CEMCOL** and 0,400 kg/m² for EP 200. Porous substrates RINOL EP 200 must be applied to ensure that good adhesion is obtained. Coverage will very depending upon the porosity of the substrate. The primer should be touch- dry before the application of **INDURIT FLOW**.

Mixing

Only clean potable water at a rate of 5,5 litres per 25 kg should be used. The viscosity of the mixed material should be tested regularly, using the flow ring to give a flow diameter of 130-140 mm.

The mixed material should be used within 15 minutes and the temperature of the materiel should be between +5°C and 20°C. Use a low speed electric mixer or a pump having a continuous water feed.

Application

Pour or pump the mixed material onto the prepared surface and allow to obtain a smooth finish. Apply a thickness of between 5 mm to 15 mm in one pass only. **INDURIT FLOW** should always be sealed with hydroprotec or RINOL PU TS 686 matt.

Cleaning

All equipment should be cleaned with water immediately after use.

Storage

INDURIT FLOW is supplied in 25kg bags and plastic covered 1 tonne pallet. 6 months in unopened bags and stored under good conditions.

Advice note :

Based on our tests in laboratory, on detailed technical studies and on our job sites experiences, the indications and recommendations hold in this data sheet do not however possess an autocratic nature. The use of this product by the applicator shall have to be preceded by tests in order to verify our recommendations and to ensure that our product is suitable for the foreseen use. Any error of appreciation wouldn't entail (run) our liability.