

Description

INDURIT SCREED is a ready to use mortar for making screeds for thickness of 20 to 80 mm.

INDURIT SCREED is applied similar to a tile-layer's screed.

INDURIT SCREED is available in natural grey cement colour or pigmented with iron oxides.
Colours: grey, charcoal grey, yellow, red, brown

Pedestrian traffic allowed: after 12 hours.
Drying time (complete) 21 days.

Substrate

INDURIT SCREED is applied mainly on adhesive screeds on concrete poured at least 28 days ago.

Any other substrate, such as tiles and ceramic tiles will require a special study.

The direct tensile strength of the substrate should be equal to at least 1.5 MPa.

Technical specifications

Laying thickness from 20 to 80 mm

Compressive strength: > 50 MPa

Tensile / bending strength: > 7 MPa

Adhesion: > 1.5 MPa

Consumption: about 22 kg/cm²

Product subject to NF EN 13813 standard

Application

Substrate preparation

The surface must be clean and free from any substance likely to impair the adhesion of the **INDURIT SCREED**. The support should be preferably planed or shot-blasted. The adhesion strength of the substrate should be greater than 1.5 MPa.

Cracks > 1 mm in width should be filled.
Contraction joints shall be respected and then sealed.
Construction joints and expansion joints should be respected.

In all cases, they must be filled up with suitable products such as **Roc Ragréage Epoxy** or **Roc Ragréage MMA**.

Primer slurry

The substrate should be moistened before application to facilitate the bonding but there should be no residual water on the surface when the primer is applied. Using the primer **Cemcol**, (refer to corresponding technical data sheet for application and usage conditions)

The use of primer **Roc Prim** is recommended if it is not possible to moisten the concrete substrate.

Roc Prim is also recommended as primer if not possible to remove a substrate of type tiles, after making sure of its good adhesion.

Laying the screed

Mix in a suitable mixer, type concrete mixer and depending on the size of the site, a 25 kg bag of **INDURIT SCREED** with 2.3 litres of water (adjust according to consistency required, but the mortar should not have a liquid consistency)

Apply the mortar obtained on the Cemcol primer while it is still sticky.

NOTE: Application on dry Cemcol will inevitably result in poor adhesion of the screed.

INDURIT SCREED should be applied and drawn to the rule on guides to the thickness determined by the thickness of the screed.

INDURIT SCREED should be trowelled a mechanical trowel equipped with floats or plates.

Finish

Finishing of **INDURIT SCREED** can be completed with the blades equipped with polishers; if necessary, slightly moisten the surface to obtain a closed and glazed surface.

The edges of the screed should be trimmed as in a traditional flooring, by hand or with a mosquito.

After treatment with **Placeo SEAL**, the surface can be sanded with fine grain for a mineral look like polished concrete and after extraction residue and washing the surface, apply two coats of HYDROPROTEC.

Precautions during application:

Minimum temperature of application: +5°C).

Avoid application when the temperature is > 30 °C

Health and safety

Refer to relevant Safety Data Sheet. www.rocland.eu

Packaging and storage

INDURIT SCREED: 25 kg bags

Pallets of 40 bags: 1000 kg

INDURIT SCREED can be stored 6 months in packaging totally protected from moisture.

Note:

The instructions and recommendations contained in this technical datasheet are based on our laboratory tests, detailed technical studies and our experience at worksites. They are not however of an absolute nature. Before using this product with an applicator, carry out tests for verifying our recommendations and make sure that our product is suitable for the intended usage. We are not liable for any error in assessment or improper use.

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