

RASOCHIM FAST

Thixotropic fast drying cementitious for interior works of industrial, commercial and public floorings up to 30 mm thicknesses



Description

RASOCHIM FAST is a thixotropic cement smoothing for floors and walls with thicknesses up to 30 mm. RASOCHIM FAST is a quick-drying cement grey powder composed of special cement bind. RASOCHIM FAST can be used only indoor. RASOCHIM FAST mixed with water becomes a thixotropic creamy paste, easy to work with high adhesion to supports. RASOCHIM FAST hardens without shrinking, without forming slits or cracks, with rapid development of mechanical resistance. RASOCHIM FAST has a high resistance to compression, abrasion and to the action of wheelchairs. It can apply on cement screed, old plaster, not-absorbent shiny surfaces, concrete, etc. In accordance with European EN 13813 it is classified CT-C35-F7-A22-B2,0. Also suitable for heated subfloors, requiring a fast hardening and drying.

Characteristics

Mixture ratio	single-component
Application	smooth trowel / scrubbing brush / long metal trowel
Application temperature	+10°C ÷ +25°C
Appearance	dust
Colour	grey
Dry residue	100%
Mixing ratio	1 bag of 25 kg with 5,5 / 7 L of water
Mixture duration	10' ⁽¹⁾
Hardening	10 h for 10 mm of thickness ⁽¹⁾
Thickness of each coat	1 - 30 mm
Coverage	1,6 kg/m ² for 1 mm thickness
Walking on time	30' ⁽²⁾
Duration before gluing	10 h for 10 mm of thickness ⁽²⁾
Resistance to compression	28 days: 35 N/mm ²
Flexural strength	28 days: 7 N/mm ²
Storage stability	6 months ⁽³⁾
Packaging	25 kg
Tool cleaning	water (before the hardening of the mixture)
GISCODE	ZP1

1 at 20°C and 65% R.H.

2 depends on the suitable conditions of the yard: temperature, ventilation, absorption of the subfloor

3 in original sealed containers at temperatures between +10°C and +25°C

Laying conditions

Type of subfloor

Cement tiles, old ceramic floors, marbles, natural stones, smoothed cement.

Substrate in accordance with DIN 18365.

Subfloor's condition

It is essential to make sure that there is not a rising damp from the substrate. The substrate has to be solid, dry, free of dust, loose parts, rust. Clean the subfloor to be treated by eliminating totally any trace of oil, grease, waxes and paint. Weak subfloors must be treated with PRYMER W 30K (see technical data sheet).

Dusty or porous subfloors must be treated with PRYMER W (see technical data sheet) or CHIMIGRIP diluted with 50% of water (see technical data sheet).

Not-absorbent surfaces: clean with DILUENTE ACETONE or suitable detergent or dewaxer than apply one coat of CHIMIGRIP (see technical data sheet).

Cement subfloors with high residual humidity must be primed with PRYMER SF 1105 or PRYMER PUB 77 (see technical data sheets) than sprinkle Quarz on the surface.

Not-absorbent subfloors with high residual humidity must be treated with PRYMER EPOX WETT or PRYMER WB 328 S (see technical data sheets) than sprinkle Quarz on the surface.

Anhydrite subfloors must be treated with PRYMER W (see technical data sheet) before the application of RASOCHIM FAST.

How to use

Mixture preparation

Mix a 25 kg bag of RASOCHIM FAST as follows: pour the required amount of cold water indicated in the "Mixing ratio" in a clean container and add the dust gradually, mixing with a mechanical mixer at low revs, until a fluid homogeneous and clot-free mortar is obtained. Stir again briefly after 2-3 minutes: the mixture is then ready. If thickness over 10 mm has to be obtained with one hand, add 35-40% of little gravel (granulometry 0-0,4 mm up to 20 mm of thickness). The quantity of RASOCHIM FAST mixed every time must be the one necessary to be used between 10 min (temp. +20°C). Check the humidity content with a carbide hygrometer.

Application of the mixture

Pour RASOCHIM FAST into the bottom of the pose in a single hand by vigorously pressing the smooth trowel, scrubbing brush or long metal trowel to improve the adhesion to the bottom and adjust the thickness. In the case of very large surfaces, comply with all existing expansion joints in the substrate, create split joints of around 40 m². Next shaved must be made when RASOCHIM FAST can be walked, but still wet. The drying time of RASOCHIM FAST varies greatly depending on the thickness applied, temperature, environmental humidity and the subfloor. Avoid rapid drying of the product such as to not compromise the resistance.

Materials that can be glued onto floors levelled up with RASOCHIM FAST

Ceramics, natural stones, recomposed materials, wood (wood must be levelled with at least 2 mm thickness of product), textiles, rubber, PVC, linoleum (for a minimum thickness of 1 mm).

RASOCHIM FAST

Thixotropic fast drying cementitious for interior works of industrial, commercial and public floorings up to 30 mm thicknesses



Allocations: for interior works of industrial, commercial and public floorings.

Warnings

- * **Contra indications:**
- * *do not add to the mixture: quicklime, cement, or plaster.*
- * *Do not add more water to the mixture which has begun to work.*
- * *Do not use for external works.*
- * *Do not use with floors subject to constant transpiration of humidity.*
- * *Do not use on floors subject to strong movements.*
- * *Do not use RASOCHIM MAXI with temperatures below +10°C or superior to +25°C.*
- * *Do not use on wet or frozen supports.*

Label elements

	<ul style="list-style-type: none">· Causes serious eye damage.· Wear protective gloves / protective clothing / eye protection / face protection. <p>Contents: Grey Portland cement (low chromate content) ;</p>

Web link

Be sure to have the latest version of this technical data sheet downloadable also from the following link:



http://www.chimiver.com/tds/EN_RASOCHIM_FAST.pdf

These information are given from the best of our knowledge and technical experience. They are of general character and not binding in any way our company. Every single case should be put to a practical test by the user who assumes the full responsibility of the final result of his work.