

RASOCHIM 1400 M

Fast dryin thixotropic cementitious smoothing for floorings and vertical surfaces up to 6 mm thicknesses



Description

RASOCHIM 1400 M is a Fast dryin thixotropic cementitious smoothing for floorings and vertical surfaces up to 6 mm thicknesses. RASOCHIM 1400 M is a white powder composed of special cement bind and synthetic binders. RASOCHIM 1400 M can be used only indoor. RASOCHIM 1400 M mixed with water becomes a thixotropic creamy paste, easy to work with high adhesion to supports. RASOCHIM 1400 M hardens without shrinking, without forming slits or cracks, with rapid development of mechanical resistance. RASOCHIM 1400 M has a high resistance to compression, abrasion and to the action of wheelchairs. It can apply on cement walls, old plaster, not-absorbent shiny surfaces, concrete, etc.

Characteristics

Mixture ratio	single-component
Application	smooth trowel / scrubbing brush / long metal trowel
Application temperature	+5°C ÷ +30°C
Appearance	dust
Colour	grey
Dry residue	100%
Mixing ratio	1 bag of 25 kg with 5,75 L of water
Mixture duration	20' ⁽¹⁾
Hardening	24 h ⁽¹⁾
Thickness of each coat	1 - 6 mm
Coverage	1,8 kg/m ² for 1 mm thickness
Walking on time	2-3 h ⁽²⁾
Duration before gluing	12-24 h ⁽²⁾
Resistance to compression	28 days: 28 N/mm ²
Flexural strength	28 days: 8,5 N/mm ²
Storage stability	12 months ⁽³⁾
Packaging	25 kg
Tool cleaning	water (before the hardening of the mixture)

- 1 at 20°C and 65% R.H.
- 2 depends on the suitable conditions of the yard: temperature, ventilation, absorption of the subfloor
- 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.

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 (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 (see technical data sheet) than sprinkle Quarz on the surface. Anhydrite subfloors must be treated with PRYMER W (see technical data sheet) before the application of RASOCHIM 1400 M.

How to use

Mixture preparation

Mix a 25 kg bag of RASOCHIM 1400 M as follows: pour the required amount of 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. The quantity of RASOCHIM 1400 M mixed every time must be the one necessary to be used between 20 min (temp. +20°C). The telling of the residual humidity must be done only with a carbide instrument.

Application of the mixture

Pour RASOCHIM 1400 M into the bottom of the pose in a single 1-6 mm hand by vigorously pressing the smooth trowel 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 50 m². Next shaved must be made when RASOCHIM 1400 M can be walked, but still wet. The drying time of RASOCHIM 1400 M 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 1400 M

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).

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

Warnings

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 pratical test by the user who assumes the full responsibility of the final result of his work.


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- * **Contraindications:**
- * *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 +5°C or superior to +30°C.*
- * *Do not use on wet or frozen supports.*

Label elements

	<i>For more information about the safe use of the product it is recommended to consult the latest version of the Safety Data Sheet.</i>
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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_.pdf