

Technical Datasheet

Item Code: RASO004X | Rev.: 12-09-2023 | Ver: 3.3

RASOCHIM MAXI

Fast drying self-levelling compound for interior works and public floorings for thicknesses from 5 to 40 mm



Description

RASOCHIM MAXI is a fast-hardening, single-component grey cement powder premixed, for thickness from 5 mm to 40 mm. RASOCHIM MAXI can be used only indoor. RASOCHIM MAXI mixed with water becomes fluid cement paste suitable for realization of good strength self-leveling smoothing. The product maturing fast on new and old subfloor. It does not undergo any shrinkage, it does not form cracks, it has good resistance to compression, bending and abrasion. It is possible apply on sand screeds, cement screeds, ready to use screeds, ceramic floors, marble, natural stones, wood, clinker and grès. In accordance with european EN13813 it is classified CT-C25-F6-B1,0. Also suitable for heated subfloors. CERTIFICATE: EC1Plus. RASOCHIM MAXI can contribute to the achievement of QI CREDIT 4.1 according to the GEV parameters of 03 March 2009 because it complies with the requirements of the LEED certification protocol (Leadership in Energy and Environmental Design).

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	RASOCHIM MAXI: 1 bag of 30 kg with 5,4 L of water
Mixture duration	20' ⁽¹⁾
Initial setting time	20' - 30' ⁽¹⁾
Thickness of each coat	5-40 mm
Coverage	1,7 kg/m ² for 1 mm thickness
Walking on time	1,5 - 3 h ⁽²⁾
Duration before gluing	1-3 days depending from the thick ⁽²⁾
Resistance to compression	28 days: 25 N/mm ²
Flexural strength	28 days: 6 N/mm ²
Storage stability	6 months ⁽³⁾
Packaging	30 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

Sand floor screeds, cement floor screeds, floor screeds ready to use without used of primer, primed anhydrite floor screeds, ceramic floors, marble, natural stones, wood, clinker and grès.

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 CHIMIGRIP diluted with 50% of water (see technical data sheet).

Cement subfloors with high residual humidity must be primed with 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.

How to use

Mixture preparation

Mix a 30 kg bag of RASOCHIM MAXI 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. The quantity of RASOCHIM MAXI 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 MAXI into the bottom of the pose in a single 5 - 40 mm hand by vigorously pressing the smooth trowel, scrubbing brush or long metal trowel to improve the adhesion to the bottom and adjust the thickness. Any imperfection due to the application will be eliminated from the levelling effect characteristic of the product. In the case of very large surfaces, comply with all existing expansion joints in the substrate, create split joints of around 40 m².

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

When working with ceramics, natural stones, recomposed materials, wood, textiles, rubber, PVC and linoleum (for a minimum thickness of 5 mm).

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Allocations: for interior works 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

	For more information about the safe use of the product it is recommended to consult the latest version of the Safety Data Sheet.
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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_RASOCHIM_MAXI.pdf

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