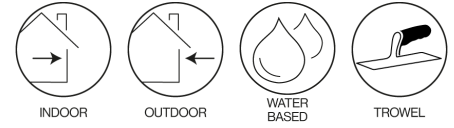


rasaltow plus 1.0

technical sheet - ed. 02/2026



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Universal skim coat, 1 mm

DESCRIPTION

Universal cement-based skim coat, 1 mm grain size, in powder form, suitable for achieving high-quality medium civil finishes on concrete, cementitious plasters, old plastic coatings, slabs and precast concrete floors (predalles). Formulated with special reinforcing fibres that improve mix cohesion, increase mechanical strength and dimensional stability, helping to reduce the risk of crazing and cracking. Ideal for patching applications up to 30 mm thickness and for subsequent reinforced skim coats with Armatex C1 Fiberglass Mesh. Suitable as an additional skim coat layer on the termoK8 System to obtain a smoother surface before finishing. For interior and exterior use.

MAIN PROPERTIES

- Mineral skim coat;
- Suitable for historic buildings;
- fibrate

TECHNICAL DATA

Volatile organic compounds (VOC)	Not covered by Directive 2004/42/CE.
Classification (UNI EN 998-1)	Powder filler for base coat, single-component, physical-drying, matt, based on air lime and white cement.
Granulometry (EN 13300 / EN 1062)	1 mm
Reaction to fire (EN 13501-1)	Class A1
Capillary absorption and perm. Water (class W) (EN 1015-18)	Class W 2
Adhesion (EN 1015-12)	> 1 N / mm ² Breaking mode - FP: B
Open time (EN 1346)	20 min
Thermal conductivity (λ) (EN 1745)	$\lambda=0.57$ W/(mK)
Water vapour transmission (μ) (EN 1015-19)	($\lambda_{10,dry}$)> 35
Bending resistance	4.3 N/mm ²
Compression resistance	7 N/mm ²
Apparent bulk volume	1350 \pm 50 g/l
Bulk volume in paste	1750 \pm 50 g/l
	>12
Type of binder	White concrete (UNI 8681: SA)
Solid content	100%
Mixing Ratio	24-26% with water; 6.0-6.5 Litres per 25Kg package
Maximum application thickness	30mm
Drying time	Under normal conditions, it can be covered after 12-24 hours; however, drying time depends on the absorption of the substrate and environmental conditions
	Coverage

CHARACTERISTICS

Pot-life of mixture	About 2-3 hours
Coverage	1.4 kg/mq per mm of thickness
Overpaintable	Compatibility with other products: compatible with all water-based products
Colour range	White
Dilution	Water

APPLICATION

Suitable Substrates:

Old plaster, even with small cracks (<1mm). Particularly suitable for compensation of uneven supports, with different absorption.

Preparation of the Substrate:

The substrate must be stable, seasoned, not chalking, cleaned in extreme cases with hydro-washing or simply with a water jet until the total elimination of dust, saline efflorescence and all inconsistent parts. Wait few days (5 - 10) for the substrate to dry depending on the weather conditions, then apply RASALTOW PLUS 1.0. Old crumbling plasters must be consolidated with 1 coat of Micralica\Primacril at least 5-6 hours before applying RASALTOW PLUS 1.0. Humidify the cement substrates before application. In the case of non-homogeneous substrates, or with evident cracks, it is advisable to insert a glass fiber mesh with anti-alkaline treatment between the first and second coat.

Ambient Conditions:

min +5°C max +30°C

Type of Equipment:

spatula, trowel, sponge trowel,
low speed mechanical stirrer

Application Procedure:

Mix with 24-26% of water, at the rate of 6.0-6.5 l for every 25 kg of RASALTOW PLUS 1.0 with a mechanical stirrer at low speed for at least 5 minutes, leave to rest for 5 minutes, stir again and apply. Spread the mix with a metal trowel, wait 3 to 6 hours depending on the environmental conditions for the application of the second layer and then float with a sponge trowel. RASALTOW PLUS 1.0 can be mixed and sprayed with a plaster pump, then finish it with a sponge trowel. In this case the quantity of mixing water may vary slightly depending on the machine used. Once cured, the surface is suitable to be coated with breathable products. Permitted thickness minimum 3 mm maximum 30 mm. It is not recommended to apply in strong wind conditions and in full sun, on frozen or thawing substrates. Do not apply on plaster.

Notes:

Do not apply on surfaces that are in direct sunlight, frozen or very hot. Do not apply when it is very windy or when there is fog or rain. The conditions must last at least 2 days after application.

STORAGE

Disposal and safety indications:

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

Packaging:

25kg bags

Storage:

1 year on a pallet and when stored in a dry place in undamaged packages at between 5 and 30°C.

TECHNOLOGIES/CERTIFICATIONS

