



RASO SPECIAL

Ultra-white skim coat with "impalpable" grain size for smoothing cementitious plasters. Easy workability with steel trowel and excellent sandability does not require fixative or insulator



TECHNICAL FEATURES

RASO SPECIAL consists mainly of hydraulic binders, very white micronized mineral fillers, organic copolymers and specific additives, mixed together according to the scrupulous research of the **HERAKEM** laboratories.

RASO SPECIAL is characterized by excellent spreadability and thixotropy which facilitates its application to the wall, as if it were a putty and allows thicknesses up to 2 mm for each single coat. **RASO SPECIAL** allows you to perform partial interventions without leaving any trace of the overlap and after application it can be easily sanded and allows a perfectly smooth, "mirror" finish.

RASO SPECIAL is easy to prepare, it does not clump, it is creamy, it does not escape from under the blade, and with its long working time it is the ideal smoothing compound for painters, because it allows to prepare the quantities of product necessary for the work shift, avoiding waste of time, as well as the waste of hardened product. **RASO SPECIAL** can be coated with any type of paint: its paint absorption is low and homogeneous and does not require fixatives or insulators; less paint is consumed and differences in brightness or shading in the paint job are avoided.

FIELD OF APPLICATION

RASO SPECIAL is used as a smooth finishing coat on mineral substrates or articles in gypsum, plasterboard, cement and plaster, before applying paints or colored coatings to walls and ceilings. It is also used in cases where a flat and smooth surface is required for the application of wallpapers and light textiles. For applications on gypsum surfaces it is necessary to pre-treat the surface with **HERLAX AC**. In case of need, we recommend that you contact our Technical office.

PREPARATION OF THE SUBSTRATE

Irregularities with a thickness greater than 3 mm must be previously regularized with **HERARAS 600**. The substrate must be compact, free from dust and removable parts, free from oils, greases, varnishes, paints and glues. Moisten the substrate before application. The gypsum, scagliola and similar substrates, as well as the particularly absorbent substrates or those tending to a weak chalking, and the substrates with a different degree of absorption, must be suitably pre-treated with **HERLAX AC**, an insulating adhesion promoter that increases adhesion on critical substrates.

MIX PREPARATION

Mix with approximately 45% clean water, slowly adding the powder to the water. Mix with a low-speed drill fitted with a mixing propeller until a homogeneous, lump-free mortar is obtained. Leave the mixture to rest for 5 minutes and mix again briefly.

APPLICATION

The application is carried out with a steel trowel, carrying out the first step to even out the substrate and eliminate unevenness, and the second step by crossing the first layer. When the product tends to dry out and thicken, remove smudges and excesses. The thickness of **RASO SPECIAL** it must be between 1 mm and 2 mm. Carry out a very careful process in particular in the overlapping areas: in these areas, between the upper part and the one below, it is advisable to blend the applied product. This precaution will allow to obtain a surface smoothing with perfect flatness. To accentuate the mirror effect "at home", wipe the hardened product with a metal spatula moistened with water. In order to prevent the rapid drying of the applied product from giving rise to unpleasant cracks, in the case of application in periods characterized by high temperatures, windy and sunny days, it is advisable to spray water on the surface of the smoothing coat, for at least the first 48 hours. Once hardened, the product can be sanded to obtain a perfectly smooth surface.

CLEANING

The tools used for installation must be cleaned with water before the product hardens; subsequently, cleaning can only take place by mechanical removal.

ITEM OF SPECIFICATIONS

For smoothing slightly irregular walls to be painted, use a cement-based smoothing compound with a smooth finish classified **GP – CSI – WO** according to the **UNI EN 998 – 1** standard, such as **RASO SPECIAL** by **HERAKEM SRL**, applicable for thicknesses from 0 to 2 mm for each hand.

WARNINGS

- Mix with a low-speed drill respecting the required percentage of water and without adding foreign substances.
- Work at ambient temperatures not lower than +5 °C and not higher than +35 °C
- Do not apply the finish on smooth or painted surfaces.
- The hardening of the product is based on the hydraulic setting, which at low temperatures is delayed with consequent anomalous hardening times.
- Do not apply on frozen substrates and protect the work from freezing for at least 48 hours.
- On surfaces exposed to the sun, the action of the wind or in the event of a particularly dry climate, it is necessary to protect with special sheets and keep the entire thickness of the **RASO SPECIAL** damp with light sprays of water for at least 48 hours.
- Do not apply on painted substrates, on wooden, metal or plastic elements.
- Not suitable for receiving heavy tiles or coatings.
- On poorly consistent or very absorbent substrates, the use of HERALAX AC is essential.

TECHNICAL DATA *(at +22±1°C and 55±5% R.H.)

Appearance	very white powder	Application temperature	from +5°C to +35°C
Density of the powder	approx. 1000 kg/m ³	Thickness per coat	2 mm
Color	white	Waiting time for the application of the second coat	30÷60 minutes depending on the hygrothermal conditions
Flammability	no	Waiting time for painting	about 2 weeks
Reaction to fire	A1 (EUROCLASSE)	Compressive strength after 28 days	CS I
Customs heading	382450900	Water absorption by capillarity	W0
Mixing ratio	about 11 liters of water every 25 kg	Coefficient of permeability to water vapor	≤ 14 μ
Density of the mix	approx. 1500 kg/m ³	Storage	12 months in original dry packaging
Pot life of mix	>6 hours		

Consumption	1.0 kg/m² per mm of applied thickness	Packaging	25 kg bag
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PRODUCT FOR PROFESSIONAL USE ONLY

All the data and indications given in this technical data sheet, although resulting from laboratory tests carried out and from our direct application experiences, due to the infinite number of variables linked to the construction site conditions, are to be considered, in any case, purely indicative. Therefore, before applying the product, the user is required to establish whether it is suitable for the use envisaged by him, in the specific hygrothermal and application conditions foreseen at the time of use and, in any case, he assumes all responsibility for it. We are not liable for damage to people or things deriving from improper use of the product. We reserve the right to modify the data contained therein as a result of improvements and technical progress.