



HERARAS 950

Thick water-repellent cement skim coat, with civil finish, for both fresh and already cured cementitious plasters.



TECHNICAL FEATURES

HERARAS 950 mainly consists of lime and cement, marble and quartz sands with selected grain sizes, and specific additives, mixed together according to the scrupulous research of the HERAKEM laboratory. It is characterized by an excellent spreadability and workability which facilitates its application on raw, traditional, premixed, fresh or cured plasters. It allows to obtain a fine civil finish. Usable for thicknesses up to 6 mm.

FIELD OF APPLICATION

HERARAS 950 is used as a smooth finish on cementitious plasters, internal and external, in bastard or premixed mortar, before the application of subsequent products such as paints or colored coatings.

PREPARATION OF THE SUBSTRATE

Any holes must be sealed at least 24 hours before laying the finish. The substrate must be compact, free from dust and removable parts, free from oils, greases, varnishes, paints and glues. If it is necessary to skim cured plasters, moisten the substrate before application, taking care to remove the film of surface water. Substrates based on gypsum, scagliola and similar, those particularly absorbent and tending to a weak chalking, or with a different degree of absorption, must be adequately treated with **HERALAX AC** before applying **HERARAS 950**. Critical, smooth or poorly adhering substrates must be pre-treated with **HERALAX GRIP**.

MIX PREPARATION

Mix each 25 kg bag of **HERARAS 950** with a low-speed mixer 6 ÷ 6.5 l of water until a homogeneous and lump-free mix is obtained. To best develop the application characteristics, it is advisable to let the mixture rest for 3 minutes and to remix it briefly before use.

APPLICATION

On mature funds:

after having moistened them with water, spread the mixture obtained by carrying out two crossed passages until obtaining a planar surface for a thickness between 1 mm and a maximum of 6 mm.

Sponged or float finish:

After 2–4 hours, depending on the absorption and the environmental conditions and temperatures, felting is carried out with a sponge trowel until a homogeneous surface is obtained, possibly splashing the surface with a little water, until the aesthetic appearance is achieved. desired. pay particular attention to the overlapping areas by performing a very careful processing.

Smooth finish:

In interior environments, if a smooth background is desired, integrate the surface of the finish previously applied with **HERARAS 100** or for an even smoother surface with **RASO SPECIAL** on a non-trowelled substrate and on a solid surface.

Application on substrates not yet hardened:

It is good practice to apply the finishes on the substrates that have not yet hardened; this practice is to be considered very valid, as it facilitates a better bond between the layers. Apply **HERARAS 950** according to the “fresh on fresh” technique.

CLEANING

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

ITEM OF SPECIFICATIONS

To finish lime-cement-based rough substrate plasters, use a lime-cement-based finishing product classified **GP – CSII – WO** according to the **UNI standard EN 998 – 1**, type **HERARAS 950** of **HERAKEM SRL**.

WARNINGS

- Mix the product respecting the percentage of water provided without adding foreign substances.
- Work at ambient temperatures not lower than +5 ° C and not higher than + 35 ° C
- Do not apply the finish directly on smooth or painted surfaces (see "Preparation of the substrate")
- On painted surfaces use only **HERARAS ONE**.
- Protect the applied product from freezing for at least 48 hours.
- The hardening of the product is based on the hydraulic setting, which at low temperatures is delayed with consequent anomalous hardening.
- Do not apply on frozen substrates.
- 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 **HERARAS 950** moist with light nebulisations of water for at least 24 ÷ 48 hours.
- Do not apply on wooden, metal or plastic elements.

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

Appearance	powder	Pot life of mix	> 2 hours
Specific weight of the powder	approx. 1500 kg/m ³	Application temperature	from +5°C to +35°C
Color	gray and white	Waiting time for the application of the second coat	30 minutes
Degree of finish	civil finish	Waiting time for trowelling	15 minutes
Particle size	<1mm	Waiting time for painting	3-4 weeks
Customs heading	3824 5090 0	Compressive strength	CS II
Mixing ratio	approx. 25 %	Adhesion on cured substrates	approx. > 0,4 N/mm ²
Density of the hardened plaster	approx. 1350 kg/m ³	Factor of resistance to vapor diffusion	≤ 11 μ
Density of the mix	1600 kg/m ³	Coefficient of water absorption by capillarity	W0

Consumption	approx. 1.5 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.