

DILAVATO

eroso

DESCRIPTION: Finishing plaster for exteriors and interiors that imitates an antique plaster, giving the appearance of having withstood the test of time. The presence of marble aggregate grains in various colors that rise from the matte lime surface gives it a worn and valuable appearance.

USE: Highly breathable finishing plaster, used as a coating with a rustic, sponged, or washed effect, depending on the application method. It is particularly recommended for use on cocciopesto plaster but can also be used as a colored coating for old, traditional plasters or on new pre-mixed applications. In these cases, it is advisable to test the product on the application surfaces to better evaluate the final result. Suitable for both interior and exterior use.



COMPOSITION: Hydrated lime (Calce idrata fiore), marble aggregate, siliceous aggregate, natural hydraulic lime, soft-mixed brick cocciopesto.

APPLICATION:

Surface Preparation: Before application, ensure that the surfaces are well-bonded; any dust, dirt, grease, or flaking or detaching parts must be removed, and the surface should be evened out with a compatible product. For absorbent surfaces, it is recommended to wet them before applying the product. Highly absorbent or friable surfaces should be treated with a lime-based fixative (see technical data sheet ID-10). The installation of a fiberglass reinforcement mesh may be necessary.

Mixing and Application: After preparing the surface, mix the product with about 25% clean water, adding the powder to the liquid and stirring until a fluid, lump-free consistency is achieved. For a homogeneous mixture, mechanical mixing is recommended (using a helical mixer), adding 2/3 of the water initially and the remainder during mixing until the desired fluidity for application is reached. Small quantities can also be mixed by hand.

Use a standard large spatula, medium-sized trowel, sponge float, or a ready-to-use spray system. Apply starting from the top corner of the wall with a metal spatula. The thickness of this layer depends on the size of the marble grains, but it is recommended to use about 3-4 kg per m². Apply the product carefully, working smoothly from one area to another. Normally, it is best to have multiple people working simultaneously, with one person for every 10-15 m². After applying the plaster, smooth the surface with a wooden or hard, damp or dry sponge float.

APPLICATION:

1. SPONGED: When the application is complete and the plaster has begun to harden, start washing the surface. Ensure that the surface is sufficiently hardened so that only the superficial layer of lime patina is removed, exposing the aggregate underneath. The plaster will not be washed away. Use a large floating sponge, frequently rinsing it in plenty of clean water. After washing, let it dry until all the water has evaporated.

2. SPRAYED: When the application is just complete and the plaster has begun to harden, start washing the surface by spraying clean water at low pressure from top to bottom. The amount of water used will depend on the desired level of erosion. The goal is to wash away the lime film so that the aggregate grains are visible. Avoid working in cold and humid weather or when the temperature may drop below +5°C.

3. WASHED: It is possible to insert a fiberglass mesh (in the case of joints, repairs, cracks, inconsistencies, traces, etc.).

MAINTENANCE: Normally, the applied surface does not require any protection. However, after about 20 days, it is possible to apply a treatment based on beeswax or water-based silicates. Upon request, a tonalizing protective treatment can be provided. The washed finish becomes more beautiful as time passes. For specific application instructions, contact HERES technical support.

WARNINGS:

- Do not apply the product at temperatures below +5°C or above +30°C.
- H-18 is a high-tech product intended for professional use.
- The product is absorbent and requires appropriate protective coatings to ensure water and oil repellency before the surface can be used.
- Store the product in a dry place, protected from frost and humidity. Do not store the product in direct sunlight or expose it to extreme temperature fluctuations. It is recommended to work at temperatures between +8°C and +32°C.
- For absorbent surfaces, it is advisable to uniformly wet the surface by spraying water before application, but avoid water stagnation during application.
- Protect from rain, wind, sun, frost, and rapid drying (to prevent burns, chalking, and cracking) for at least 36 hours after application.
- Do not apply to surfaces overheated beyond 30°C or on frozen substrates or those at risk of freezing within the next 24 hours.
- Do not mix with binders, aggregates, additives, or any other foreign substances.
- (*) Performance achieved with the addition of Strong silicate.
- For specific application instructions, contact HERES technical support.
- Application must be continuous without interruptions to avoid cracking or marks.
- Setting and hardening times may be significantly shortened in summer and extended in winter.
- The application of the material in contact with pure aluminum is not recommended.
- The manufacturer or supplier, having no control over the applications, assumes no responsibility for the methods and use of the product. The user must, in any case, verify and confirm the suitability of the product and equipment for the desired application, assuming full responsibility for their use.
- Follow the instructions in this technical sheet, and if in doubt, consult our technical service.

SAFETY: H-18 Dilavato Eroso is a natural alkaline material. It is recommended to use a mask and gloves during application. In case of accidental contact with the eyes, rinse thoroughly with water and consult a doctor.

ENVIRONMENTAL COMPATIBILY

Product Nature	Inorganic
Recycled Content	ca. 10 %

Type of Aggregate Used	natural, inorganic
End-of-Life Disposal	Can be disposed of in a landfill as inert material (non-hazardous waste)

TECHNICAL DATE:

Base Binder	Natural Hydraulic Lime (NHL) 3.5	Yield / Consumption	1,4 kg/m ² x mm of thickness
Mixing Water	24% by weight of the powder	Maximum Layer Thickness	0,5 mm
Capillary Water Absorption Coefficient (UNI EN 1015/18)	cat. W1	Granulometry (UNI EN 1015-1)	da 0 a 1,2 mm.
Hardened Mortar Density	1,30 kg/cm ³	Vapor Diffusion Resistance (UNI EN 1015-19)	$\mu \leq 13$
Conformity	UNI EN 998-1	Fire reaction	A1
Direct Tensile Bond Strength (UNI EN 1015-12)	> 1 N/mm ²	Compressive Strength at 90 Days	> 1 N/mm ²
Thermal Conductivity	$\lambda = 0,50 \text{ W/m}^{\circ}\text{k}$	Shear Bond Strength (UNI EN 1052/3)	> 0,2 N/mm ²
Available Colors	See color chart or custom sample		

N.B. The data provided refer to general tests and experiences and may be adjusted according to application conditions. The user must always verify the suitability of the product for the intended use, assuming full responsibility for its use.

Heres reserves the right to make technical changes without prior notice.

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SHORT SPECIFICATION TEXT:

Supply and application of a mineral coating using a pre-dosed, ecological, highly breathable product composed of natural hydraulic lime, aerial lime, carbonate powders, optionally colored with cocchiopesto, natural earth pigments, and colored marble sands with a granulometric curve from 0 to 0.8 mm, 1.2 mm, or 1.8 mm.

Applied in one or two crossed coats, finished with a sponge or PVC trowel, then felted or washed by spraying water to expose the granular inert component of the mixture, creating a weathered wash effect. Application will take place at an ambient and substrate temperature between +8°C and +35°C. Treated surfaces will be protected from rain and humidity until the applied product has fully dried (2-5 days depending on weather conditions).

Type H-18 Dilavato Eroso by HERES, excluding fixed scaffolding but including mobile or temporary scaffolding per square meter.

SURFACE FINISHING VARIANTS:

Troweled finish: Surface finished with a sponge or wooden trowel.