

H-69 Data Sheet**FOUNDATION****WATERPROOF SKIM COAT WITH OSMOTIC ADHESION BASED ON NHL LIME**

DESCRIPTION: It is a product suitable for creating protective skimming, impermeable to water and inhibiting saline aggressions. Formulated for compatibility with brick or mixed substrates which, due to absorbency, give the product adhesion and **waterproofing by osmosis**. Disposable and recyclable as inert at the end of its life.



USE: It is used as a protective and waterproofing skim coat for solid brick wall supports, mixed stone or tuff masonry, in concrete, lime-based screeds and/or cocciopesto both vertically (walls against the ground or old foundations) and horizontally (tops of facings or exposed parts without roofing); on plasters that are intended to be protected from absorption or water infiltration. Resistant to saline aggression. If necessary, it can be covered with lime finishes or paints.

COMPOSITION: Mixture of natural hydraulic lime, selected aggregates, filterized cocciopesto, natural additives, to be mixed with drinking water until fluid.

PREPARATION: Mix with drinking water (recommended a temperature of not less than +5°), using a mixing drill until and until the product is completely homogenized in a fluid consistency. Wet the substrate before proceeding with the application of the mixture.

APPLICATION: Apply to clean, dust-free substrates, inconsistent parts, salts, grease, mould or lichens, using a paintbrush or metal trowel and in a thickness of approx. 1 mm. per layer. Any subsequent coats must be applied once the previous coat has ripened. For a good performance yield, at least two layers of product must be applied. In the presence of substrates with cracks due to hydraulic shrinkage or subject to thermal deformation or settling, it is advisable to insert fiberglass reinforcement meshes with a weight of min. 140 gr/m².

CAUTION: Do not apply with temperatures below +5°C or above 35°C. Protect the product from frost in the first 48 hours after application. Do not exceed the amount of water in the mixture mixture, in cases of difficulty in application, soak the substrate well. The use of antifreeze additives is not recommended, as they could affect the workability and performance characteristics of the product. In the case of high temperatures or absorbent substrates, take the necessary precautions to prevent the product from drying too quickly.

TECHNICAL DATA:

Physical state	Dust	Own weight	ca. 1300 kg/m ³
Grain size	0.5 mm	Resistance to vapour diffusion	So<1 (Class I)
Minimum consumption	ca. 3 kg/m ²	ph	> 10
Adhesion	> 2.5 N/mm ²	Mixing water	approx. 18%
Water resistance	4 bar +/-	Water retention in the slurry	ca. 90 %
Reaction to fire	A2	Water resistance to 7 days.	No steps

ENVIRONMENTAL COMPATIBILITY

Nature of the product	Inorganic	Type of aggregate used	natural, inorganic
Recyclate content	ca. 8 %	Disposal E nd of use	in landfills as Inert material (non-hazardous waste)

LIMITATION OF WARRANTY – The product is intended for professional use and the application implies the verification of suitability for the intended use and the assumption of responsibilities deriving from the use. The information contained herein is given in good faith and is believed to be accurate. However, as the conditions and methods of use of our products are not under our control, this information should not be used as a substitute for the tests that the consumer must carry out, to ensure that the products are safe, effective and completely satisfactory for the intended end use. The manufacturer explicitly denies any other express or implied warranty of suitability for the specific use that the customer intends to make of it and Heres declines any liability for incidental or consequential damages.

The manufacturer reserves the right to make the most appropriate changes to the technical data at any time and without prior notice. Technical staff is available to provide assistance and provide any useful advice for use and application.

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BRIEF ITEM OF THE SPECIFICATIONS: Waterproof skim coat based on NHL hydraulic lime (with characteristics such as Heres H-69 FONDAMENTA) with a maximum grain size of 0.5 mm. Suitable for application on masonry substrates in brick, mixed stone, tuff, screeds (including lime), plaster or concrete structures, to protect against water infiltration.