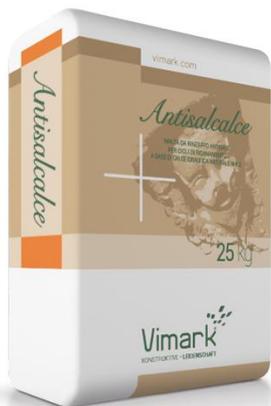




ANTISAL CALCE

Anti saline rough coat mortar
based on natural hydraulic
lime for renovating and
dehumidifying cycles



konstruktive • **leidenschaft**



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PRODUCT DESCRIPTION

ANTISALCALCE is a salt resistant rough coating mortar, based on natural hydraulic lime NHL 2 Wasselonne, designed for protection and restoration whilst maintaining the breathability of masonry made up of heterogeneous brick, tuff or natural stone that are subject to the phenomenon of rising damp. Formulated with high permeability to water vapour diffusion, suitable as a filter against saline outlets in render/plaster cycles with dehumidifying systems.

For its characteristics and colouring it is particularly suitable for work on old historical and artistic buildings or for green buildings.

COMPOSITION

ANTISALCALCE is a pre-mixed mineral mortar made up of Wasselonne natural hydraulic lime NHL 2, calcareous and siliceous aggregates (selected and gauged according to specific grading curve) and specific additives that improve the performance in terms of workability and adhesion to supports.

MIXING AND APPLICATION

Remove all old plaster down to the wall to a height no less than 50 cm beyond the line of moisture, remove also the first cm of mortar bed if it is inconsistent or degraded.

The surfaces to be treated must be stable, clean, solid, free of weak parts, dust, bacterial proliferation, saline efflorescence, oils, grease, wax, residues of previous work etc. If necessary, perform a preventive cleaning by sandblasting or pressure washing.

During the preparation phase of the substrates, the salt resistant mortar can be used for restoration and repair.

During the preparation phase of the substrates, it is possible to use the products from the range *Linea Restauro e Bioedilizia* by Vimark for restoration and repair.

On the surfaces prepared and previously wet with clean water, proceed to apply the salt resistant rough coating mortar **ANTISALCALCE**.

Apply **ANTISALCALCE** to substrates whilst still wet and make sure to cover the entire surface, filling all irregularities of the wall, leaving the rough coat without levelling or compacting in order to create a perfect adhesion bridge for the next layer of macroporous render/plaster. **ANTISALCALCE** can be applied by mechanical spraying, using a plastering machine for pre-mixed products, or by hand.

For manual application, mix the product by adding approx. 6.-6.50 litres of clean water per 25 kg bag in a cement mixer. Put the correct amount of water into the cement mixer and then add the powder. Mix the product for about 2'-3' minutes until smooth and free of lumps. Stop the mixer and apply the product with a trowel as a traditional render mortar.

The mixed product is usable within 90' minutes of mixing with water. The dehumidifying product **RISANCALCE** can be mixed by hand or with an electric mixer at low speed.

INDICATIVE AMOUNTS REQUIRED

8.0-10.0 kg per m².

COLOUR

Beige.

PACKAGING

25 kg bags on disposable 1575 kg pallet (63 bags) protected by waterproof plastic wrap.





STORAGE

12 months in original intact packaging and stored in a dry place.

RECOMMENDATIONS

Apply to substrates that have been previously wet with clean water.
 Avoid applying with temperatures below + 8°C or above + 35°C. Temperatures below + 8°C with a high percentage of relative humidity can cause surface carbonation.
 The appearance may vary depending on environmental conditions during application.
 Avoid application on frozen, dusty, unstable and inconsistent substrates.
 Cover the masonry entirely with a layer of dehumidifying product.
 Avoid application on masonry that is soaked due to water infiltrations.
 Avoid applying to substrates previously waterproofed or treated with varnish or paint.
 In the case of application to substrates previously treated with a salt resistant liquid, proceed to plaster using the technique "wet on wet".
 In the case of application on substrates with high salt concentration, apply a double salt resistant filter by applying previously **BIOFILTRO ALL'ACQUA** and then immediately the rough coating **ANTISALCALCE**, and finally apply the dehumidifying plaster.
ANTISALCALCE is a product with natural colouring and is therefore susceptible to slight variations in colour due to the advancement in the limestone quarry from which we obtain the natural hydraulic lime.

PRODUCT DATA

Appearance	powder	
Colour	beige	
Dry bulk density	~ 1300 kg/m ³	EN 1015-10
Maximum aggregate size	≤ 1.5 mm	

APPLICATION DATA

Water content of mix	24-26%
Mixing ratio	1 bag + 6.0-6.5 ℓ of water
Minimum application temperature	+ 5°C
Maximum application temperature	+ 35°C
Working time	≥ 90' minutes

PERFORMANCE DATA

Bulk density of fresh mortar	~ 1800 kg/m ³	EN 1015-6
Bulk density of hardened mortar	~ 1450 kg/m ³	EN 1015-10
Adhesion	≥ 0,15 N/mm ² (FP) B	EN 1015-12
Air content	11%	EN 1015-7
Mortar consistency	140 mm	EN 1015-3
Compressive strength	≥ 3,0 N/mm ² CS II	EN 1015-11
Flexural strength	≥ 1,0 N/mm ²	EN 1015-11
Capillary water absorption	≤ 0,40 kg/m ² x min ^{0.5} W1	EN 1015-18
Water vapour permeability coefficient	≤ μ 20	EN 1015-19
Thermal conductivity	0.47 W/mK (tab. mean value; P=50%)	EN 1745, A.12
Specific heat capacity	1.0 kJ/kgK	EN 1745, A.12
Reaction to fire	A1 Class	EN 13501-1
Durability	Evaluation based on provisions valid in the intended place of use of the mortar	EN 998-1
Hazardous substances	See MSDS	EN 998-1





ACCORDING TO



EN 998-1
General purpose rendering/plastering mortar (GP) for internal/external use

REMARKS

Product for professional use. The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site www.vimark.com.



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