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|  Natural |  Antibacterial |  Reversible |
|  Ecological |  Disinfectant |  Easy to use |
|  Recyclable |  Anti-mould |  Adherent |
|  Eco-friendly |  Biocide |  Covering |
|  Resistant |  Healthy |  Compressive strength |
|  Breathable |  Restoration |  Elastic |
|  Non-toxic |  Versatile |  Reliable |



The recommendations and information provided in this data sheet are based on our experience and can under no circumstances engage our responsibility. Our technical service is at your disposal to provide any further information required.



SALELIME is a biocompatible dehumidifying plaster, pre-packaged in powder for indoor and outdoor use in compliance with Standard UNI EN 998-1:2010. SALELIME is totally free of cement and hydraulic materials belonging to the clinker group. It consists of a mixture of calcareous sands, screened with a continuous grain size range from 0 to 2.5 mm.

The only binder present is NHL 5 Natural Hydraulic Lime in compliance with Standard UNI EN 459-1. NHL 5 lime is white in colour with starches and mastics to regulate the final porosity.

SALELIME is a biocompatible, pre-packaged mortar to be used as a preliminary primer coat for all surfaces with rising damp that require an absorbent regulating layer. It can also act as a blocker against soot stains appearing on masonry, enhancing the wall's ability to evaporate without being damaged by dissolved salts and water vapour pressure. To fulfil these functions, SALELIME has high adhesion characteristics while maintaining high breathability thanks to its natural mastic and starch content.

CHARACTERISTICS

Product type	Mortar for renovation (R)
.....	UNI EN 998:1 2010 for indoor
.....	and outdoor use
Grain size curve	0 - 2.5 mm
Mixture pH	> 12,5
Bulk density in heap	1350 kg/m3 approx.
Bulk density of fresh mortar	1900 kg/m3 approx.
Bulk density of dried mortar	1610 kg/m3 approx.
Compressive strength (EN 1015-12)	Category CS II
Flexural strength	1 N/mm²
Adhesion (EN 1015-12)	> 0,7 N/mm² FP-B
Wat. vap. diff. resist. coeff. (EN 1015-19)	μ < 14
Thermal conductivity	0.54 W/mK (tabulated value)
Capillary water absorption	0.35 [Kg (m² min0.5)]
Water penetration	<= 5 mm
after capillary absorption test)	
Reaction to fire (EN13501-1)	Class A1
Mixing water	6-7 L per bag
Coverage	15 kg/m2 approx. per 1 cm of thickness
Packaging	25 kg bag
Pallet	56 bags 1400 kg
Storage	18-24 months in its original packaging
.....	in a dry place
Application temperature	from +5°C to +32°C
REACH classification:	See SDS

FIELDS OF APPLICATION

SALELIME is specifically formulated for primer coating to even out and regularise the absorption index of the surfaces on which the actual body of the plaster is applied. SALELIME must be applied on all surfaces with rising damp.



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APPLICATION

The application of SALELIME must be preceded by thorough cleaning of the wall substrate, removing inconsistent parts, plaster residues and salt efflorescence, etc. This cleaning can be carried out manually or mechanically with a high-pressure cleaner. SALELIME can be applied manually with a spatula and trowel or mechanically with common screw plastering machines (stator/rotor D5-2.5 PFT). When applying with a plastering machine, the length of the pipe must not exceed 20 m and maximum head should be 6 m. SALELIME is pre-packaged and should only be mixed with water in a quantity of approx. 6-7 L approx. per bag depending on the desired consistency. The application thickness must not be less than 1 cm and the surface to be treated must extend at least 0.5/1 m beyond the line of obvious deterioration. SALELIME must be left rough in order to create the best conditions for adhesion of the next layer of plaster. Wait approximately 7 days before proceeding with subsequent applications.

WARNINGS

Product for professional use.

- Do not modify the product.
- Store the product in a dry place in its original sealed packaging.
- Consult the safety data sheet before using the product.
- The data given corresponds to the technical and application knowledge we have for an appropriate use of the product. It is therefore advisable to carry out a preliminary practical test to check the suitability of the product for its intended use and consumption.
- Protect surfaces from weathering, sun, wind, rain and frost.
- Since our company is not the executor of the works and cannot directly intervene on the construction site conditions or on work methods, the information provided is to be considered as indicative, general and therefore non-binding.
- The company reserves the right to make any changes it deems necessary at any time and without prior notice.
- Please consult our technical service for further information and practical product demonstrations.
- Always refer to the updated versions of the data sheets available at www.sacecomponents.it

WARNINGS

Coating with the Anti-saline base primer coat of thickness cm.... with SALELIME biocompatible, pre-packaged powder primer coat mortar for indoor and outdoor use in compliance with Standard UNI EN 998-1:2010. Mortar for renovation (R) with the following control parameters: mixture pH > 12.5, bulk density of dried mortar 1610 kg/m³, compressive strength (1015-11) CSII, flexural strength (1015-11) 1 N/mm², water vapour diffusion coefficient (EN 1015-19) $\mu \leq 14$, adhesion (EN 1015-12) 0.7 N/mm² FP-B, capillary water absorption 0.35 [Kg (m² min0.5)], thermal conductivity 0.54 W/mK, reaction to fire (EN 13501-1): Class A1. SALELIME primer coat is totally free of cement and hydraulic materials belonging to the clinker group and consists of a mixture of screened calcareous sands with a continuous grain size of 0 to 2.5 mm and only NHL 5 natural hydraulic lime in compliance with UNI EN 459-1.

The use of SALELIME does not alter the natural hygrometric balance of the masonry.



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