



INT.0162

**SANASTOF**

Dehumidifying, macroporous  
plaster for finishes

### Customs Code

3824 5090

### Packaging

- Bag 25 kg
- Pallet: 50 x (Bag 25 kg)

### Application

- Brick trowel
- Finishing trowel
- Plastering machine
- Spatula
- Sponge



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Family  
**Intotech**

Product Lines

- Building
- Opus
- Sanageb

Components  
**Single-component**

Type  
**Finishing putty and skims**

Functional Categories

- **Masonry plastering with plasters and skims**
- **Renewal of wet masonry with waterproofing plasters**
- **Thermal-insulating renewal of masonry**

Appearance  
**Powder**

## Certifications and legislations



**EN 998-1**

Specification for Mortar for Masonry - General purpose rendering/plastering mortar (GP)



**Sanageb - Prodotti naturali per la Bioedilizia**

Product of the Sanageb line, the line of products from Azichem Srl dedicated to green-building, ecological sanitation, thermal insulation and energy saving products since 1994.

## General description

Premixed mineral composition based on natural hydraulic lime, micro-silicas with pozzolanic activity, selected aggregates, high tenacity microfibres, lightweight heat-insulating low elastic modulus aggregates. It is used for smoothing and levelling, both indoors and outdoors. It is perfectly compatible with multiple supports: lime-based plasters, lime-cement, cement mortars, concrete, porous stone, bricks. Its characteristics make it particularly suitable in ecological building works and in the restoration of vintage buildings and monuments. The maximum particle size of the aggregate is 0.9 mm.

## General features

SANASTOF is a product based on natural hydraulic lime, kaolin, marble dust, selected siliceous aggregates and lightweight aggregates with low elastic modulus, dimensionally stable. It is a natural product with high intrinsic breathability and does not have traces of resins, solvents, thinners and radioemissive aggregates. The product contains high tenacity microfibres that give great volumetric stability. The special hollow, rounded, dimensionally stable, aggregates give the skimming special thermal insulation qualities, filtration of potentially harmful soluble salts and reduction of the elastic modulus. The granulometric curve, the finesse of the binders and some natural rheological additives, make the product particularly smooth in the application phase, even when laid on supports with rough or difficult surfaces. The calibrated physical-mechanical characteristics guarantee perfect compatibility on different types of support, especially on traditional plasters and mortars. The microsilicic content of pozzolanic activity makes the skimming and the levelling performed with SANASTOF extremely durable, even in aggressive exposure environments.

## Dosage

Approximately 1 kg/m<sup>2</sup> of SANASTOF for each millimetre of thickness to be implemented (on average 2.5 - 3 kg per square metre).

## Fields of application

Quick and easy application on various supports, such as: breathable finishing for wall coverings; skimming on modular insulation made of wood fibre or calcium silicate; levelling of plastered surfaces; skimming of concrete surfaces; levelling and skimming of restorations carried out with cementitious mortars; application with mainly thin thicknesses (from 1 to 4 mm) with simultaneous levelling of recesses, imperfections etc. In particularly harsh work conditions it is advisable to position the ARMAGLASS 160 alkali-resistant fibreglass reinforcing mesh between the first and second coat (the mesh must be partially embedded in the first coat of SANASTOF when it is still fresh). The breathability, combined with the other physical-chemical characteristics of the product, make the skimming carried out with SANASTOF an ideal support to accommodate any kind of painting and in particular the mineral paints based on potassium silicate or lime putty. SANASTOF is the breathable, low elastic modulus finish, recommended in all our dehumidifying systems carried out with: SANATIGH, CALEOSANA, SANAWARME, UNISAN, INTOSANA

## Basic features



Maximum diameter of aggregate:  
0.9 mm



Mix with water:  
25 - 28 %



Pot-life:  
> 180 min



Shelf-life:  
12 months



Temperature of use:  
+ 6 / +30 °C



Available colours  
Light hazel

## Technical specifications

*Bonding force (UNI EN 1542): 0.84 N/mm<sup>2</sup>*

*Breathability (UNI EN 1015-19): 13.6 μ*

*Capillary absorption (UNI EN 1015-18): 0.73 kg•h<sup>0.5</sup>/m<sup>2</sup>*

*Compressive strength (UNI EN 1015-11): > 3 N/mm<sup>2</sup>*

*Density (UNI EN 1015-6): 1220 kg/m<sup>3</sup>*

*Flexural strength (UNI EN 1015-11): 1.5 N/mm<sup>2</sup>*

## Tools cleansing

- Water

## Applicable on

- Plasters
- Concrete
- Cement-based or lime-based mortars
- Bricks

## Substrate preparation

Application surfaces should be clean, free of soiling, crumbling and non-adhering parts, dust, etc. Smooth supports should be roughed (roughness  $\geq 1$  mm). If after cleaning and roughening the support is still dusty and crumbly, remove the parts completely inconsistent with spatula-brush, or by assisting the removal operation with a power wash, then consolidate the support by impregnation with PROTECH FIX AC aqueous emulsion applied in two abundant coats, the second coat immediately before applying SANASTOF with the "fresh on fresh" technique (the consumption of PROTECH FIX AC for this priming operation is between 120 and 250 gr/m<sup>2</sup>). Adequately wet the support with water before application, anticipating and repeating this operation several times in case of very porous and absorbent supports or in the presence of warm and arid climates.

## Instructions for use

Fill the mixer with approx. 2/3 of the mixing water. Gradually add SANASTOF and the water still required, continue to mix until a homogeneous, lump-free mixture of plastic consistency is obtained, easily workable with a flat metal spatula or trowel both on vertical and ceiling surfaces. We recommend mixing with a whisk drill or with high-efficiency mixers. The mixing water indicatively necessary is equal to 25-28% by weight (6.25-7 litres per 25 kg bag). Apply with a trowel or spatula and finish with the trowel, sponge trowel or spatula. Optimum finishing results are obtained by applying SANASTOF in two coats (the second coat should be applied after the first is properly dried). The spatula finish allows obtaining the "antique textured finish" effect. The trowel finish highlights the grain size of the product. On very uneven supports (cracks, different thicknesses, discontinuities) and in harsh work conditions, it is advisable to position the ARMAGLASS 160 alkali-resistant fibreglass reinforcing mesh between the first and second coat (the mesh must be partially embedded in the first coat of SANASTOF when it is still fresh).

## Storage and preservation

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance. Protect from humidity.



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## Warnings, Precautions and Ecology

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

Prolonged moist hardening and the convenient protection of fresh surfaces from direct exposure to sunlight, from the rain and wind, are essential for proper curing.

It is known that mineral binders such as air lime and hydraulic lime have an alkaline effect. It is therefore advisable to protect the eyes, use protective gloves and rinse the skin with water in the event of direct contact, using the same warnings provided for normal plaster mortars.

*SANASTOF is produced/distributed by*



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