

Sanastof Bianco

Dehumidifying, macroporous, finishing skims, white

Premixed mineral composition based on natural hydraulic lime NHL 3.5, microsilic with pozzolanic activity, selected aggregates, high tenacity microfibers, light heat-insulating aggregates with low modulus of elasticity. It is used for smoothing and smoothing, both indoors and outdoors. It is perfectly compatible with multiple substrates: lime-based plasters, lime-cement, cement mortars, concretes, porous stone, bricks. Its characteristics make it particularly suitable for green building works and for the restoration of period and monumental buildings. The maximum grain size of the aggregate is 0.9 mm.

CUSTOMS CODE: 3824 5090

COMPONENTS: Single-component

APPEARANCE: Powder

AVAILABLE COLORS: White

PACKAGING AND DIMENSIONS: Bag 25 kg



OBTAINED CERTIFICATIONS AND REGULATIONS



FEATURES AND BENEFITS

Sanastof Bianco is a product based on natural hydraulic lime NHL 3.5, kaolin, marble dust, selected siliceous aggregates and light aggregates with a low modulus of elasticity, dimensionally stable. It is a natural product with high intrinsic breathability, without any trace of resins, solvents, diluents and radio-emissive aggregates. The product contains high tenacity microfibers which give great volumetric stability. The special rounded hollow aggregates, dimensionally stable, bring special qualities of thermal insulation, filtering of potentially harmful soluble salts and reduction of the elastic modulus to the shaving. The granulometric curve, the fineness of the binders and some rheological additives of natural origin, make the product particularly smooth during the drafting phase, even when laid on supports with rough or difficult surfaces. The calibrated physical-mechanical characteristics guarantee perfect compatibility on different types of substrates, especially on traditional plasters and mortars. The microsilic content with pozzolanic activity makes smoothing and smoothing performed with Sanastof Bianco highly durable, even in aggressive exposure environments.

FIELDS OF APPLICATION

Quick and easy application on various substrates, such as: transpiring smoothing of wall casings; smoothing on modular wood fiber or calcium silicate coats; regularization of plastered surfaces; leveling of concrete surfaces; regularization and smoothing of repairs carried out with cement mortars; application to mainly thin thicknesses (from 1 to 4 mm) with simultaneous leveling of recesses, imperfections etc. In particularly severe operating conditions it is advisable to interpose, between the first and second coat, the alkali-resistant glass fiber mesh Armaglass 160 (the mesh must be partially drowned on the first still fresh coat of Sanastof Bianco). The breathability, combined with the other physico-chemical characteristics of the product, make the smoothing made with Sanastof an ideal support to accommodate any kind of paint and in particular mineral paints based on potassium silicate or slaked lime. Sanastof is the transpiring smoothing, with a low modulus of elasticity, recommended in all our dehumidifying systems made with the products: Sanatigh, Caleosana, Sanawarme, Unisan, Intosana.

ALLOWED SUPPORTS

Plasters - Cement-based or lime-based mortars

PREPARATION OF SUPPORTS

The application surfaces must be clean, free from dirt, crumbly and incoherent parts, dust, etc. Smooth substrates must be roughened (roughness ≥ 1 mm). In the event that the support, after cleaning and roughening, is still dusty and crumbly, remove the totally incoherent parts dry with a spatula-brush, or assisting the removal operation with hydro-washing, then consolidate the support by impregnation with aqueous emulsion Protech Fix AC applied in two abundant coats, the second coat immediately before applying Sanastof Bianco with the "fresh on fresh" technique (the consumption of Protech Fix AC for this priming operation is between 120 and 250 gr / m²). Adequately wet the substrate with water before application, anticipating and repeating this operation several times in the case of very porous and absorbent substrates or in hot and arid climates.

MODE OF USE

Pour about 2/3 of the mixing water into the mixer. Gradually add Sanastof Bianco and the water still required, continuing to mix until a homogeneous mixture is obtained, free of lumps, with a plastic consistency, easily workable with a flat metal spatula or trowel both on vertical surfaces and on the ceiling. We recommend mixing with a whisk drill or high efficiency mixers. The indicatively necessary mixing water is equal to 25-28% by weight (6.25-7 liters per 25 kg bag). Apply with a trowel or blade and finish with a trowel, sponge float or spatula. Optimal finishing results are obtained by applying Sanastof Bianco in two coats (the second coat must be applied after the first one has adequately dried). The spatula finish allows to obtain the "antique spatula" effect. The trowel finish highlights the grain size of the product. On very uneven substrates (cracks, thickness changes, discontinuity) and in severe operating conditions, it is advisable to interpose, between the first and second coat, Armaglass 160 alkali-resistant glass fiber mesh (the mesh must be partially drowned on the first coat still fresh from Sanastof Bianco). Prolonged wet maturation and convenient protection of fresh surfaces from direct sunlight, rain and wind are essential for proper maturation.

APPLICATION METHODS

Finishing trowel - Plastering machine - Spatula - Sponge

TOOL CLEANING


Water

KEY FEATURES


↔ Max. recommended thickness: 5 mm


→ ← Min. recommended thickness: 2 mm


 Nonflammable

 Shelf-life: 12 months

 Maximum diameter of aggregate: 0.7 mm

 Mix with water: 22-24 %

 Pot-life: 45 min

 Temperature of use: +6 / +30 °C



TECHNICAL SPECIFICATIONS

UNI EN 1015-11
Compressive strength **> 3 N/mm²**

Thermal conductivity **0.3 W/mK**

UNI EN 1015-18
Capillary absorption **0.75 kg·h^{0.5}/m²**

UNI EN 1015-12
Bonding force **0.35 N/mm²**

UNI EN 1015-6
Density **1300 kg/m³**

UNI EN 1015-11
Flexural strength **1.5 N/mm²**

EN 1745
Thermal conductivity **0.67 W/mK**

UNI EN 1745
Specific heat **1 kJ/kgK**

UNI EN 1015-19
Coefficient of permeability **22-25 μ**

UNI EN 1015-19
Breathability **13 μ**

CONSUMPTION

Approximately 1,3 kg/m² of Sanastof Bianco for each millimetre of thickness to be implemented (on average 3 - 3,5 kg per square metre).

STORAGE AND CONSERVATION

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.

PHOTO GALLERY



ADDITIONAL CONTENT



WARNINGS AND PRECAUTIONS

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge. Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage. Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

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