

# Untersana

Breathable, dehumidifying scratch coat, based on hydraulic lime



With the addition of mixing water only, this single-component premix creates a breathable, dehumidifying rough coating, preparatory to the application of restorative, dehumidifying, thermal-insulating and anti-condensation plasters, specifically Intosana, Sanatigh, Sanawarme and Caleosana, being plasters designed specifically for the healthiness of new buildings, existing buildings, works on green buildings and in the restoration of historic and monumental buildings.

**CUSTOMS CODE:** 3824 5090

**COMPONENTS:** Single-component

**APPEARANCE:** Powder

**AVAILABLE COLORS:** Light gray

**PACKAGING AND DIMENSIONS:** Bag 25 kg - Pallet: 50 x (Bag 25 kg)

## OBTAINED CERTIFICATIONS AND REGULATIONS



## FEATURES AND BENEFITS

Untersana is composed of hydraulic lime, botticino, kaolin, calcium caseinate, Vichy salt, tartaric acid and natural fibres. Does not contain cements, resins, solvents, thinners and radioemissive aggregates.

## FIELDS OF APPLICATION

Anchoring scratch coat (applied by "spraying" or "splashing") for the formation of an adhesive bridge for easy grip of subsequent plasters, dehumidifying, breathable, based on hydraulic lime.

## ALLOWED SUPPORTS

Bricks - Mixed walls (bricks and stones) - Brickworks - Stone walls

## PREPARATION OF SUPPORTS

Application surfaces should be clean, free of soiling, crumbling and non-adhering parts, dust, etc., conveniently saturated with water until they reach the condition "saturated with dry surface".



## MODE OF USE

Pour about 2/3 of the mixing water into the mixer, add Untersana and the remaining water; continue to mix until a homogeneous lump-free mixture is obtained. The mixing water should be about 22-25% of the weight of the bag. After mixing is completed wait a few minutes before applying. "Spray" the product, with plastic fluid consistency, on the application supports, with plastering trowel and brick trowel or with plastering pump. Protect fresh surfaces from direct exposure to sunlight, from the rain and wind, cure the prolonged moist hardening.


## APPLICATION METHODS

Brick trowel - Finishing trowel - Plastering machine

## TOOL CLEANING

Water

## KEY FEATURES

- |  |  |
|--|--|
|  Maximum diameter of aggregate: 1.5 mm |  Min. recommended thickness: 4 mm |
|  Mix with water: 18 - 20 %             |  Nonflammable                     |
|  Pot-life: 60 min                      |  Shelf-life: 12 months            |
|  Temperature of use: +5 / +30 °C      |  |

## TECHNICAL SPECIFICATIONS

UNI EN 1015-11  
Compressive strength > **10 N/mm<sup>2</sup>**

UNI EN 1015-19  
Breathability **14 μ**

UNI EN 1015-18  
Capillary absorption **0.48 kg•h<sup>0.5</sup>/m<sup>2</sup>**

UNI EN 1015-12  
Bonding force > **1 N/mm<sup>2</sup>**

EN 13501-1  
Reaction to fire **A1**

EN 13412  
Static elastic modulus **10000 N/mm<sup>2</sup>**

UNI EN 1015-11  
Flexural strength > **3 N/mm<sup>2</sup>**

UNI EN 1015-6  
Density **1650 kg/m<sup>3</sup>**

λ  
Thermal conductivity **0.298 W/mK**

UNI EN 14021:2021  
Total recycled content **2.6 %**

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

## CONSUMPTION

From 4 to 6 kg of Untersana per square metre of surface to be rendered.

## 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

For a proper adhesion of the next plaster, it is appropriate to apply the latter before the complete curing of the rendering Untersana (within 24-36 hours). 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.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: [www.azichem.com](http://www.azichem.com). The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: [www.azichem.com](http://www.azichem.com).

It is forbidden to dispose of the product and/or packaging in the environment.



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