



INT.0201

UNTERSANA

Breathable, dehumidifying scratch coat, based on hydraulic lime

Customs Code

3824 5090

Packaging

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

Application

- Brick trowel
- Finishing trowel
- Plastering machine



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Family
Intotech

Product Lines
• **Building**
• **Opus**
• **Sanageb**

Components
Single-component

Type
Anchoring scratch coats

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 - Mortars for renovations (R)



EN 14021:2016

Environmental claims content of recycled material

General description

Dehumidifying adhesive compound for the construction of anchoring scratch coats, for the subsequent application of normal plaster (INTOSANA), dehumidifying (SANATIGH) and light (SANAWARME and CALEOSANA), for new buildings, in existing buildings, for ecological building interventions and in the restoration of vintage buildings and monuments.

General features

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.

Dosage

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

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.

Basic features



Maximum diameter of aggregate:
1.5 mm



Min. recommended thickness:
4 mm



Mix with water:
22-25 %



Nonflammable



Pot-life:
60 min



Shelf-life:
12 months



Temperature of use:
+5 / +30 °C



Available colours
Light gray

Technical specifications

Bonding force (UNI EN 1015-12): 2.42 N/mm²

Breathability (UNI EN 1015-19): 14 μ

Capillary absorption (UNI EN 1015-18): 0.48 kg•h^{0.5}/m²

Complete hardening (a 20°C): 3 day

Compressive strength (UNI EN 1015-11): > 25 N/mm²

Density (UNI EN 1015-6): 1850 kg/m³

Flexural strength (UNI EN 1015-11): > 5 N/mm²

Reaction to fire (EN 13501-1): A1 _

Static elastic modulus (EN 13412): 11500 N/mm²

Thermal conductivity λ : 0.298 W/m*K

Total recycled content (UNI EN 14021:2016): 2.6 %

Tools cleansing

- Water

Applicable on

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

Substrate preparation

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".

Instructions for 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.

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

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. 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.

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

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).

UNTERSANA is produced/distributed by



Via Giovanni Gentile, 16/A - 46044 Goito (MN), Italy
info@azichem.com Tel. +39 0376.604185 /604365 Fax +39 0376 604398



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