



PRT.0172

SANAXIL I

Restoring, pigmented, breathable putty coat, based on potassium silicates

Customs Code

3214 9000

Packaging

- Pail 5 kg
- Pail 25 kg

Application

- Finishing trowel
- Sponge float
- Spatula

Family
Protech

Product Lines

- **Building**
- **Opus**
- **Sanageb**

Type
Potassium silicate fixatives, fillers, paints and plasters

Functional Categories

- **Protective coating (plasters)**

Components
Single-component

Appearance
Paste

Certifications and legislations



EN 15824

Specifications for organic binder based interior and exterior plasters

General description

Natural, protective, decorative, breathable, pigmented, non-toxic, anti-mold plaster, with stabilized potassium silicates, for interiors and exteriors. Substantially mineral formulation which, thanks to the natural alkaline pH of potassium silicate, develops a strong antibacterial and anti-mold action. SANAXIL I is a versatile and valid product in various application fields: in green building interventions, in new constructions and in the restoration of period and monumental buildings.

General features

The product does not form a film, thus avoiding detachment and flaking phenomena and, while ensuring excellent water repellency, ensures high values of permeability to water vapor thanks to its porous and microcrystalline structure, perfectly compatible with mortars, plasters and all other common elements of the body masonry. Physical-mechanical performance and durability are coupled with a vast choice of colors that cannot be altered over time; characteristics which, combined with the ease and practicality of application, make the product extremely versatile and adaptable to any project requirement.

Dosage

Indicative consumption depending on the different particle sizes of SANAXIL I available:

1 mm GRAIN: approximately 1.25 -1.40 kg/m²;

1.2 mm GRAIN: approximately 1.40 -1.55 kg/m²;

2 mm GRAIN: approximately 1.85 -2.15 kg/m²;


2.2 mm GRAIN: approximately 2.00 -2.30 kg/m².

The indicated yields refer to smooth supports and are for guidance only. Actual consumption must be identified with a suitable practical test.


Fields of application

Restoring protective coatings based on stabilised potassium silicates, for vertical and horizontal surfaces.

Basic features

 Density:
1.77-1.82 kg/dm³


 Shelf-life:
12 months

 Temperature of use:
+8 / +30 °C

 To be applied in two coats

 Use wearing protective glasses

 Use wearing protective gloves

 Available colours
Request available colors

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Technical specifications

Breathability (UNI EN 1015-19): 73 μ

Coefficient of permeability (UNI EN 1015-18): $\leq 0.45 \text{ kg} \cdot \text{h}^{0.5} / \text{m}^2$

Dry residue (10' a 150°C): 82.7 %

pH: 13 _

Tools cleansing

- Water

Applicable on

- Plasters
- Concrete
- Cement-based or lime-based mortars
- Fiber-cement

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". Existing paints (washable, organic, solvent-based etc.) must be removed.

Instructions for use

Homogenise the surfaces by applying the fixative SANAXIL FIX. Spread SANAXIL in two coats: the first, for simple deposition, with steel trowel, the second, for spreading and finishing, with sponge float. The application of the second coat must be carried out, when the first coat starts to dry, under one of two suggested conditions: with dry trowel, for smooth surfaces; with moistened trowel, for antique-effect surfaces.

SANAXIL I is dry to the touch after 4 hours, it can be overcoated after 2-5 hours, while it will be dry in-depth after 16-32 hours.

Storage and preservation

Protect from freezing. 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.



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.

Do not apply on surfaces in gypsum, on surfaces that are not cured, on moist or hot surfaces, with direct solar radiation.

During application, protect glass, enamelled metals, aluminium, polished tiles etc., which may be opacified from accidental contact with silicate solutions.

Colours may vary slightly depending on the temperature conditions at the time of spreading and during drying and dessication phases.

SANAXIL I is produced/distributed by



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