



PRT.0172

SANAXIL I

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

Dosage

2.5 - 3.5 kg /m²
(Recommended: 3 kg /m²)

Packaging

- Pail 5 kg
- Pail 25 kg

Application

- Finishing trowel
- Sponge float
- Spatula

Family
Protech

Product Lines
• Building
• Opus
• Sanageb

Components
Single-component

Type

Fixatives, paints and plasters based on potassium silicate

Functional Categories
• **Protective coating (plasters)**

Appearance
Paste

Certifications and legislations



Sanageb - Prodotti naturali per la Bioedilizia

Product belonging to Sanageb, Azichem's product line dedicated to green-building, sustainability in constructions and bio-architecture since 1994.



EN 15824

Specifications for organic binder based interior and exterior plasters

General description

Natural, protective, decorative, breathable, pigmented, non-toxic, anti-mildew putty coat, based on stabilised potassium silicate. Formulation prepared according to the traditional recipes, for use in ecological building interventions, new buildings and in the restoration of vintage buildings and monuments.

General features

SANAXIL I is a product consisting of stabilised potassium silicates, botticino, natural pigments. It is highly breathable and mildewcide and antibacterial properties. It does not contain resins, solvents, thinners and harmful or toxic emanations.

Fields of application

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

Available colours

- White
- *Cartella Azichem - silicati*
- *Cartella Azichem - silicati*

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

Technical specifications

Breathability (UNI EN 1015-19): 73 μ

Coefficient of permeability (UNI EN 1015-18): ≤0.45 kg•h^{0.5}/m²

Dry residue (10' a 150°C): 82.7 %

pH: 13 _



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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

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.

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.



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SANAXIL I is produced/distributed by



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