



PRT.0173

SANAXIL P

Non-toxic breathable paint based on potassium silicates

Customs Code

3209 9000

Packaging

- Pail 4 l
- Pail 14 l

Application

- Brush
- Paint roller
- Sprayer

Family
Protech

Product Lines

- Building
- Opus
- Sanageb

Type
Fixatives, paints and plasters based on potassium silicate

Functional Categories

- Protective varnishing (painting)

Components
Single-component

Appearance
Liquid

General description

Breathable, natural, non-toxic paint, for external and internal surfaces, for adhesion and microcrystalline structure, based on stabilized potassium silicate. Mineral-based, active formulation, with high natural mildewcide and anti-condensation properties, 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 P consists of potassium silicate and natural pigments. It has very high breathability, remarkable mildewcide and antibacterial properties. It has no solvents, thinners, harmful substances and toxic emissions in general, and does not have thermoplastic effects.

Dosage

Apply from 0.30 to 0.40 liters of SANAXIL P per square metre of surface to be painted.

Fields of application

Restoring and decorative paints for internal and external environments.

Basic features

 Density:
1.46 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

Technical specifications

Breathability (UNI EN 1015-19): 50 μ

Coefficient of permeability (UNI EN 1015-18): 0.26 kg•h^{0.5}/m²

Dry residue (10' a 150°C): 59 %

pH: 13 _

Wet abrasion resistance (EN 13300 - categoria): 2 _



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Tools cleansing

- Water

Applicable on

- Plasters
- Concrete
- Cement-based or lime-based mortars
- Prefabricated concrete
- Paint

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". Pre-existing paints (washable, organic, solvent based etc.) must be thoroughly removed.

Preliminarily treat the support with the fixative SANAXIL FIX.

Instructions for use

Apply SANAXIL P, using a brush, roller or spray, in the number of coats required by the absorption condition of the support. SANAXIL P is "dust-free" (it has started to be consistent to the touch) after about 1 hour. It can be overcoated after 4-6 hours, while it will be dry in-depth after 10-16 hours.

SANAXIL P can be used as such or diluted with SANAXIL FIX, at a rate of 15-20% by weight.

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 non-hardened surfaces, on wet or hot surfaces, with direct sunlight. Avoid prolonged direct exposure of the fresh surfaces to the wind and the sunshine.

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

Colours may vary slightly depending on the temperature conditions at the time of laying and during the drying and dessication stages, the colour may be subject to slight variations.

SANAXIL P is produced/distributed by



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