



PRT.0173

## SANAXIL P

Non-toxic breathable paint based on potassium silicates

### ✘ Customs Code

3209 9000

### ⚖ Dosage

0.3 - 0.4 l/m<sup>2</sup>  
(Recommended: 0.35 l/m<sup>2</sup>)

### 📦 Packaging

- Pail 4 l
- Pail 14 l

### 🔧 Application

- Brush
- Paint roller
- Spraye

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**

## 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.

## 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.

## Fields of application


Restoring and decorative paints for internal and external environments.


## Available colours

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

## Basic features

 Density:  
1.46 kg/dm<sup>3</sup>

 Shelf-life:  
12 months

 Temperature of use:  
+8 / +30 °C

 To be applied in two coats

## Technical specifications

*Breathability (UNI EN 1015-19): 50 μ*

*Coefficient of permeability (UNI EN 1015-18): 0.26 kg•h<sup>0.5</sup>/m<sup>2</sup>*

*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

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 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.



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*SANAXIL P is produced/distributed by*



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