

# CLIMAPAIN'T SILOXAN

## Silicone paint for renewing external thermal insulation systems

# CLIMAPLUS

CLIMAPAIN'T SILOXAN is specially designed for renewal of external thermal insulation surfaces. It does not affect the texture of the plaster, as it does not fill the gaps between the granules. The structure of the coating ensures quick evaporation of moisture from the substrate and creates an effective shield against substrate moisture and ambient moisture. The binding material used in CLIMAPAIN'T SILOXAN causes the water droplets to spheroid when they wet the coating surface. CLIMAPAIN'T SILOXAN provides high vapour permeability with low water absorption while showing increased resistance to dirt. It is indicated for use on objects and surfaces of historical significance, renovations, breathable plasters, and all surfaces that need high aesthetic care with simultaneous duration. Coated facades can be washed with washing devices operating under low pressure. Dark colors should only be used in small areas such as architectural details. The paint has protection against biological contamination, such as fungi, mould or algae, increasing the resistance against their action.



### Advantages:

- Self-cleaning.
- Dirt resistant.
- Low water absorption.
- Breathable.
- Durable.
- Shades stability
- Weather and UV resistant
- Resistant to fungi, algae and mold.

CE



## TECHNICAL CHARACTERISTICS



### Packaging:

Plastic containers  
• 3 L  
• 10 L



### Application:

For external use. Ideal for renewing any type of plaster.



### Shades:

Available in thousand of shades through STATUS coloring system.



### Drying time:

- Touch dry  
1 - 2 h
- Recoating  
3 - 4 h

\*Drying times refer to normal ambient conditions (25°C, 60% humidity). Drying times may differ in case of ambient temperature and humidity variations.



### Storage:

It can be stored in well-sealed containers without any problems for a long time in a cool and dry place.



### Consumption:

13-17 m<sup>2</sup>/ Lt



### Dilution with water:

10-15 (% v.v.)



### Tool cleaning

Immediately after use, using warm soapy water.



### VOC:

A/c. Exterior walls of mineral substrate (W.B)  
V.O.C. limit : 40 gr/lit  
Maximum V.O.C. of product ready to use: 39 gr/lit

## FIELDS OF APPLICATION

Suitable for concrete and all types of external thermal insulation plasters.

## SUBSTRATE PREPARATION

The application surface should be dry and clean for excellent paint adhesion to the substrate. Free from dust, oils, salts, rust, cracked paint and other foreign substances, while the disintegrated parts must be removed

On unpainted surfaces, first apply the CLIMAPRIMER SILOXAN.

The application needs to be by substrate category at different ages

- Concrete (aged over 28 days),
- Traditional plaster, lime cement plaster, and lime plaster (aged more than 14 days)
- Thin-layer inorganic cement-based plasters and inorganic cement-polymeric plasters (aged more than 5 days)
- Thin layer acrylic and silicone plasters (aged more than 3 days)
- Thin-layer silicate plasters (aged more than 5 days)
- Gypsum substrates (inside the building only) with moisture below 1%. Provided they are first primed with STATUS plasterboard primer.
- Plasterboards (only inside the building) are fixed according to the manufacturer's instructions. Be preceded surface priming with STATUS plasterboard primer.
- Colours with good substrate adhesion. Repair uneven and damaged substrates by removing each type of foreign body and impurities. The check of substrate strength is recommended. In addition, the use of washing devices, with the application of cleaning agents, is recommended. The substrate must be dried after washing it with water.

## APPLICATION

In a clean container, mix the CLIMAPRIMER SILOXAN very well and slowly, with the help of a drilling machine (300 rpm), for about 2 minutes. Two coats of paint are deemed sufficient. The second coat can be applied after at least 3-4 h from the first. The waiting time should not exceed one day. It is important to apply the paint evenly.

## APPLICATION TEMPERATURES

During the application temperatures should be at 5°-35°C and <80% RH. Do not start the application before rain. Ensure the surface is protected from direct solar radiation throughout the process. Adverse conditions during or immediately after application may affect the final properties of the product.

## CLEANING OF TOOLS

Immediately after use, drain excess paint thoroughly into the container and clean tools using warm soapy water. Do not dispose of washing waste water into the aquifer groundwater.

## PRECAUTIONS

For information on the safe use, storage and disposal of the product read the information on the label and in the most recent Product Safety Data Sheet. The Product Safety Data Sheet is available at the professionals' request.

The skin and the eyes must be protected. During the application of the paint, wear suitable protective gloves and glasses. In case of contact with the eyes rinse with plenty of water and seek immediately medical advice. Keep the product away from children.

The paint leftovers should not be disposed with household waste. You should seek advice from local authorities regarding the disposal and collection of waste.

[Poisons Information Call Center 210 77.93.777](tel:2107793777)

## WARNINGS

The paint can cause discoloration on glass, ceramic, wood, metal and stone surfaces. For this reason, all elements in contact with CLIMA PAINT must be protected. Do not inhale the vapours emitted by the product. During the application of the product, rusty tools must not be used.

The paint must not be applied to surfaces, exposed to strong solar radiation and the façade should be protected from rain until the paint is completely dry. For the protection of external surfaces during the application of the product, the use of scaffolding is recommended.

The opened bucket should be carefully sealed and the content must be used as soon as possible.

Do not apply the paint on substrates of high alkalinity such as new surfaces from concrete and plaster. Through these applications, adverse alkaline effects could be caused on the paint and the pigments.

| Technical characteristics | Units | Standard      | Value/Characteristics |
|---------------------------|-------|---------------|-----------------------|
| Viscosity                 | cP    | EN ISO 2555   | 12000 - 16000         |
| Density                   | g/mL  | EN ISO 2811-1 | 1.49 ± 0.03           |
| - WHITE                   |       |               | 1.43 ± 0.03           |
| - BASE D                  |       |               |                       |
| pH                        |       | ISO 976       | 8.0 – 9.0             |
| Gloss (60° C)             | %     | ISO 2813      | ≤3                    |
| Dilution                  | %     |               | 10 – 15               |
| Dry film thickness        | µm    |               | 150                   |
| Recoating time            | h     |               | 3 – 4                 |
| Drying time               | h     |               | 1 - 2                 |

\*Note: The measurements were taken in laboratory environment under a temperature of +230C, Relative humidity 50% and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation, absorability of the substrate.

The technical information and instructions contained in the present brochure and referring to the application and end use of Thrakon products are based on the up to now know-how and experience of the Company with regards to the products and are provided in good faith as long as such products are stored, used and applied as per Thrakon recommendations. Due to the inability, on our part, to directly inspect the conditions prevailing at the worksite as well as the application procedures of the product, the Company does not provide any guarantee with regards to the adequacy of its products for specific purpose while the Company shall not bear any legal responsibility based on the information stated in the present brochure or any other written, oral, or otherwise provided recommendations and instructions. The users of the products are advised to perform a limited surface testing of the products adequacy for the eventual application and use intentions. Thrakon reserves the right to modify the features of its products without prior notification. All orders shall be approved only following acceptance of the above and under the eventual Commercial Policy terms of the Company. The issuance of the present brochure voids any prior version.

Version D: 04/06/2024