



# TECHNICAL DATASHEET

## **SILICONE RESIN EMULSION PAINT FOR FAÇADES**

Silicone resin emulsion paint (SREP) for façades

### **DESCRIPTION**

Acrylic matt coating for outdoors. Acrylic copolymer-based paint modified with a silicone resin-based binder and water-based silicone additives.

Silicone resin emulsion paint (SREP).

### **RECOMMENDED USES**

Silicone matt paint for all types of masonry surfaces for outdoors due to its resistance to alkalinity and absorption. Silicone gives protection to construction sites, preserving the value of old and new constructions, protecting them from the weather and structural damage.

### **CHARACTERISTICS**

- . Great resistance, hardness and adhesion.
- . Quick drying and hardening. Non-sticky surface.
- . Impermeable and breathable. Protection from humidity.
- . Resistant to mold. It prevents from having fungus and algae stains.
- . Excellent coverage and water-repellent performance.
- . Silky touch and appearance.
- . It improves the thermal efficiency of surface treatments.
- . Odourless. Cleaning with water.
- . It prevents efflorescences and salts.
- . It reduces dirt. Self-cleaning.
- . Water-repellent but it allows water steam's diffusion.

### **TECHNICAL CHARACTERISTICS**

Main component:	Acrylic polymer in aqueous dispersion and silicone resin.
Pigments:	Titanium dioxide and additives.
Appearance:	Matt.
Paint thinner:	Water.
Weight solids:	60 ± 2 %
Specific weight:	1,51 + 0,05 g/ml
Volatile organic compounds (2010):	Maximum 40 g/l
Colour:	White. For other colours, proceed to consult.
Drying:	30-60 minutes to 20°C.
Repainting:	Minimum 6 hours.
Theoretical performance:	8-10 m <sup>2</sup> /l and coat, depending on the state of the material.
Packaging:	4 litres and 15 litres.



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### **APPLICATION**

#### **Surface preparation:**

On new surfaces of construction materials, it is advisable to check if their state is adequate. Clean the surface to remove any dust remains, grease and general dirt and apply the first coat diluted in at least 10-15 % with water. In order to consolidate or unify the absorption, it is recommendable to use a binder like our ACRYLIC BINDER. If needed, to avoid humidity, use our CONSOLIDATING WATER-REPELLENT PRIMER to achieve optimal results.

On already painted surfaces, if the paint is in a bad state, it must be removed and proceed like if it were a new surface. If it has good adhesion, sand it softly to tinge and remove the dust before painting.

In case of efflorescence or salty residue, treat it with any neutralizer liquid or any solution with hydrochloric acid to 10 % in water, clear with plenty of water and let it dry before painting.

In case of pollution due to mold, fungus, algae or other elements, apply a water and bleach solution or hydrochloric acid to 10 % on the surface and let it work between 15-20 min. Next, clear with plenty of water and let it dry completely before applying the paint. Proceed like if it were a new surface or an already painted surface.

For other surfaces not contemplated in this technical datasheet, contact our Technical Department.

#### **Instructions for use:**

Stir the content until it is uniform. Always apply on clean, dry surfaces without any dust, wax, grease, etc. It can be applied with brush, roller or spray gun. For the application with brush and roller, first give the first coat diluted between 10-15 % with water and the second one diluted lightly. For spray gun application, dilute it between 5-10 %.

Never apply under 5°C or above 35°C.

### **OBSERVATIONS**

The characteristics of the product can be achieved once it is completely dry and hardened, as well as applied on the specified basis.

Consumption is theoretical and it depends on the state of the material. The real consumption will be determined for each construction work and its representative tests.

The data explained here is based on our current knowledge, laboratory trials and use in a particular circumstance with subjective opinions.

Due to the impossibility of establishing an appropriate description to each nature and state of each surface, it is impossible to guarantee the total reproduction for each specific use.

The manufacturer and the seller do not assume, except for specific written agreements, any responsibility coming from the use of our products, results, damage, etc., that can be presented in applications carried out according to our recommendations, since they are out of control of the company.

### **STABILITY AND PRESERVATION IN THE CONTAINER**

Preserve in a well-closed container, under cover and in a temperature between 5-30 °C.

The shelf life of the product in its original container and without opening is one year.

### **SAFETY AND ENVIRONMENT**

Special safety measures are not required since it is a product with a water base, except for the usual ones. Do not eat. Keep open containers away from children. Keep a good ventilation in case of an indoors application. For more information, see the safety datasheet of the product.

Data indicated in this technical datasheet can be modified without prior notice.

**REVIEW: 03/01/2022**