



# TECHNICAL DATASHEET

## R80 SPECIAL ELASTIC SMOOTH COATING

Special elastic smooth coating

---

### **DESCRIPTION**

Elastic acrylic semi-matt coating with excellent elasticity for façades that is liquid and synthetic rubber-based and water-based.

### **RECOMMENDED USES**

Waterproof coating. Protective thick coat for concrete, mortar, cement, fibre cement, etc. Due to its elasticity and waterproofing, it is a highly-recommended protection for façades with filtration and humidity problems. Excellent for protecting façades with crevices and fissures since it penetrates and covers fissures up to 500 µm.

### **CHARACTERISTICS**

- . Great resistance, hardness and adhesion.
- . It can be applied on alkaline materials.
- . Impermeable.
- . Resistant to the inclement weather.
- . Silky appearance and touch.
- . Good brush stroke, coverage and performance.
- . Minimum retraction when drying.
- . Excellent flexibility and elasticity.
- . Protection from carbonation.
- . Breathable.
- . It creates a coat without being sticky.

### **TECHNICAL CHARACTERISTICS**

Main component:	Acrylic polymer in aqueous dispersion.
Pigments:	Titanium dioxide and additives.
Appearance:	Semi-matt.
Paint thinner:	Water.
Weight solids:	61 ± 2 %
Specific weight:	1,45 ± 0,05 g/cc.
Volatile organic compounds (2010):	Maximum 40 g/l
Colour:	White.
Drying:	120 minutes to 20°C.
Elasticity:	Minimum 200% aprox. For 0.45 mm density.
Repainting:	Minimum 24 hours.
Theoretical performance:	3.3 m <sup>2</sup> /l and coat for 150 microns' density. Depending on the irregularity and absorption of the surface.
Recommended density:	Minimum 300 µm and maximum 600 µm. Apply in several coats.
Reaction to fire:	B-s1; d0
Packaging:	4 and 14 litres.

---



# TECHNICAL DATASHEET

## R80 SPECIAL ELASTIC SMOOTH COATING

Special elastic smooth coating

### **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 15-20 % with water. In order to consolidate or unify the absorption, it is recommendable to use an acrylic binder like our BINDER to achieve a better result.

On already painted surfaces, if the paint is in a bad state, it must be removed. In case of dealing with distemper paste, 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 15-20 % with water and the second one without diluting or diluted lightly. For spray gun application, dilute it between 5-10 %.

**Never apply under 5°C or above 35°C. Never apply above 0.3 l/m<sup>2</sup> per coat.**

### **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 two years.

### **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: 04/04/2024**