## **TECHNICAL DATASHEET**



# **IRISLITE**

### WATER-BASED PLOLITE

### **DESCRIPTION**

Matte façade cladding based on HIDROPLIOLITE resins. Excellent adhesion to the support, excellent penetration into the support, great resistance to atmospheric factors even in aggressive climates, etc. It has a great microporosity/waterproofing ratio that allows the support to breathe, protecting it from external agents. High resistance to alkaline agents. Its water-based formulation makes it easy to apply and odorless.

### **RECOMMENDED USES**

Protection and decoration of surfaces on facades and supports common in construction to the outside such as concrete, mortar, brick, stone, lime, fibre cement, etc. It can be used on both exterior and interior surfaces.

### **PROPERTIES**

- . Great resistance, hardness and adhesion.
- . Fast drying and thorough hardening.
- . Waterproof and breathable.
- . Autolimpiable.
- . Resistant to alkalis and aggressive environments.
- . High coverage.
- . Excellent leveling and brocability.
- . Resistant to the action of U.V. rays
- . Applicable on non-porous supports.
- . Mold resistant. Prevents the appearance of fungal and algae stains.
- . Resistant to rain shortly after application.

### **TECHNICAL CHARACTERISTICS**

Main component: Pliolite-based polymer in aqueous dispersion Pigments: Titanium dioxide and selected extenders

Appearance: Matte. Solids by volumet:  $67 \pm 3 \%$ 

Specific weight:  $1.57 \pm 0.05 \text{ g/ml}$ Volatile organic compounds (2010): Máximum 40 g/l

Color: White. Other colors consult.

Drying at 20°C: 3 hours

Repainting at 20 °C: Minimum 24 hours

Theoretical Yield: 6-8 m2/l and hand. It depends on the irregularity and absorption of

the surface.

Packaging: 4L and 14 L.

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### **APPLICATION**

### **Surface preparation:**

On new surfaces of plaster, cement, stone, brick, concrete, mortar, check that their condition is adequate, if not, proceed to repair them. Clean the surface to remove traces of dust, grease and dirt. To consolidate the surface or unify the absorption, use a fixative or apply a first layer of PLIOLITE diluted between 15-20% with water.

On surfaces that have already been painted, if the paint is in poor condition, it will have to be removed and proceed as in the case of a new surface. Repair imperfections and proceed as directed for new surfaces. Do not apply on elastic paints. In any case, the surface on which it is applied must be clean and free of dust, grease, efflorescence, etc. For the painting of other surfaces not contemplated in this technical sheet, contact our Technical Department.

### Instructions for use:

Stir the contents of the container well until the product is perfectly homogenized. It can be applied with a brush, roller or airless gun (use a mask with the latter). Apply first coat at 10% dilution (100 ml per liter of paint). Apply second coat to use or maximum at 5% dilution. For a possible third coat, apply to use.

Do not apply at a temperature below 5°C or above 35°C. Do not apply outdoors if rain is expected, or in full sun.

### **OBSERVATIONS**

The characteristics of the product are obtained once it has been completely dried and cross-linked, as well as applied on the specified substrates.

The consumption is theoretical and depends on the state of the support. The actual consumption must be determined for each particular work by means of representative tests.

The data reviewed here are based on our current knowledge, laboratory tests and on their practical use in specific circumstances through subjective judgments.

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

Both the manufacturer and the seller do not assume, except by specific written agreements, any liability arising from the use of our products, for the results, damages, etc., that they may present in applications made in accordance with our recommendations, since these are outside the scope of the control of the company.

### STABILITY AND PRESERVATION IN THE CONTAINER

Store the container tightly closed, indoors and at a temperature between 5 and 35°C. The shelf life of the product in its

Original and unopened container is 2 years old.

### **SAFETY AND ENVIRONMENT**

Special safety measures are required as it is a solvent-based product. Flammable product. Do not ingest the product. Keep open canisters out of reach of children. Maintain good ventilation in case of indoor application. For more information see product safety data sheet.

The data indicated in this technical sheet may be modified without prior notice.

**REVIEWED: 01/23/2025**