



TECHNICAL DATASHEET

PLIOLITE

Solvent-based coating for façades

DESCRIPTION

Solvent-based smooth matt coating for façades with a Pliolite resin base. Maximum adhesion for any type of masonry surface.

RECOMMENDED USES

Protection and decoration of façades and masonry materials for outdoors even if they are slightly humid like concrete, mortar, brick, stone, plaster, lime, fibre cement, clay, etc.

Adequate for waterproofing all exterior materials that need a high level of permeability, since their microporous structure allows them to be totally impermeable and at the same time to have a high level of water steam diffusion and CO₂. It is also used as a primer for dusty materials, improving paint and coating adhesion or for non-porous materials, like balustrades, artificial stone, etc.

It can be used outdoors and indoors, due to its high resistance to alkalinity and its excellent penetration, it is specially used for any type of masonry surface.

CHARACTERISTICS

- . Great resistance, hardness and adhesion, even with humid surfaces.
- . Quick drying and hardening.
- . Impermeable and breathable.
- . It can be applied at any temperature.
- . Self-cleaning.
- . Resistant to alkali and aggressive environments.
- . High coverage.
- . Excellent levelling and brush stroke.
- . Resistant to U.V. radiation.
- . It can be applied on non-porous materials.
- . Resistant to mould. It prevents from having mould and algae stains.
- . Anti-carbonation.
- . High penetration on deteriorated materials.
- . Resistant to rain after some time of its application.

TECHNICAL CHARACTERISTICS

Main component:	Pliolite resin.
Pigments:	Titanium dioxide and additives.
Appearance:	Semi-matt.
Paint thinner:	Synthetic solvent (similar to turpentine).
Specific weight:	1,58 + 0,05 g/l
Volume solids:	64±2%
VOC (2010):	Maximum 430 g/l.
Colour:	White.
Recommended minimum density:	50-60 dry microns.
Drying:	2 hours to 20°C.
Repainting:	Minimum 12 hours.



TECHNICAL DATASHEET

Theoretical performance:

5-10 m²/l coat and surface.

Packaging:

20 Kg.

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APPLICATION

Surface preparation:

On new surfaces of construction materials, it is advisable to check if their state is adequate. If not, proceed to repair. Clean the surface to remove any dust remains, grease and general dirt. In order to consolidate or unify the absorption, it is recommendable to use a solvent-based binder or apply a first coat of PLIOLITE diluted in at least 15-20 % with synthetic solvent (similar to turpentine).

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. Repair all imperfections and proceed like abovementioned. Do not apply elastic paints.

In any case, the surface must be clean and without dust, grease, efflorescence, etc.

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

Instructions for use:

Stir the content until it is uniform. It can be applied with brush, roller or spray gun. For the application with brush and roller, if diluting is needed, use a minimum amount of synthetic solvent (similar to turpentine). For spray gun application, dilute it between 15-20 % with quick synthetic solvent. Apply a first coat diluted with solvent between 10-15 % and a second coat with maximum 5 %. In order to avoid cracking or wrinkling, it is advisable not to exceed the recommended density per coat, like the **use of solvents that allow repainting** and that they do not damage lower coats.

Never apply under 5°C or above 35°C, or with possible rain, high humidity, frost, dew, etc.

It is advisable not to apply it if rain is expected during the next 2 hours after applying the product or with temperatures below 5 °C. It is not advisable to apply it in broad daylight, specially in summer time.

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



TECHNICAL DATASHEET

Special safety measures are not required since it is a product with a solvent base. Flammable product. 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