



TECHNICAL DATA SHEET

1.2 PREPARATION AND FIXING

► Plioval Primer

Pliolite system primer

2419 / Version 3 / 05-12-2023



DESCRIPTION

Acrylic primer in highly penetrating solution with solvent-based Pliolite resins, for consolidating and sealing porous surfaces or surfaces in very poor condition.

PROPERTIES

- High-penetration thin particle, with excellent adherence on porous supports.
- Consolidating effect for surfaces in poor condition, whitewashed or weathered, after they have been cleaned.
- Resistant to the alkalinity of the surface, such as cement mortars, concrete, brick, etc.
- Water vapour-permeable, allowing transpiration of the support.
- Regularisation of the absorption, improving the adhesion of the subsequent finishing coats.
- Effective non-carbonating barrier due to its high resistance to CO₂ diffusion.
- Exceptionally high adhesion on surfaces with damp problems.
- The product is ready to use and must not be diluted.

USES

Especially indicated for fixing and sealing surfaces in bad condition and porous surfaces. Highly recommended for use with together our products for façades.

TECHNICAL DATA

Appearance	Transparent.
Viscosity (Copa Ford No. 4). Seconds.	10 - 15
Yield	Varies a lot depending on the type of substrate and the condition that it is in. Concrete: 15 - 20 m ² /l Mortars: 10 - 15 m ² /l Fibre cement: 10 - 15 m ² /l Plaster/Cast plaster: 5 - 15 m ² /l Painted surfaces: 15 - 20 m ² /l
Touch dry (20°C) (min)	25 - 30
Second coat	4 - 6 h
Thinner	Do not dilute, ready to use.
Volatile Organic Compounds (COV).	Maximum product content 722 g/l

HOW TO APPLY

- Stir the product until totally smooth.
- The surfaces to be painted must be clean, dry and free of dust, grease, saltpetre, etc.
- If the wall is in very bad condition, remove the remains of lime, sand or old paint with a steel wire brush, scraping vigorously.
- Apart from some exceptions, it CANNOT be applied to painted surfaces.

SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Never apply at temperatures below 5°C.



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SURFACE PREPARATION

UNPAINTED SURFACES:

Cement mortar:

- Elimination of efflorescence and alkalinity by treating with DILUTED ZINC SULPHATE.

Plaster/Cast plaster:

- Apply one coat of fixer/primer to create a foundation of resin, allowing breathability, reducing absorption and facilitating the subsequent application of paint. (See possible application systems)

Concrete:

- Wait until completely set (min. 30 days).
- Removal of stripping substances

Fibre cement:

- Eliminate high alkalinity and regulate absorption by applying a suitable fixer/primer (See possible application systems)

PRE-PAINTED SURFACES IN GOOD CONDITION:

Pre-painted surface in good condition:

- Regardless of the support to be repainted, its appearance must be homogenised; in other words, adjust the surfaces that are shiny to help to open the pores and foster adhesion. Check the adhesion and resistance of the paint. Correct any texture or planimetry differences that may exist with RHONA repair mortars. Test compatibility between coats.

PRE-PAINTED SURFACES IN POOR CONDITION:

Pre-painted surface in poor condition:

- Surfaces with moisture: Fix building materials that are crumbling due to damp with a suitable fixer, creating a foundation for correct settlement on the subsequent application of two coats of product at the dilutions indicated in this data sheet.

POSSIBLE APPLICATION SYSTEMS

Use a brush or roller for normal application of Plioval Primer. A spray gun may be used, although the first two methods are recommended.

SAFETY

Consult the current safety data sheet for safe handling (Section 8.2). Unsuitable for children. Keep out of the reach of children. Do not place painted surfaces into the mouth.

REMOVAL

Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling, in line with the local and national legislation in force. Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling. Do not pour down drains or into the environment. Dispose of the product at an authorised waste disposal site or through an authorised waste management company. Waste must be handled, stored and disposed of pursuant to current local- national legislation.

STORAGE

See storage conditions indicated in section 7.2 of the current safety data sheet. Store the containers away from high temperatures, direct exposure to the sun and frost. Maximum recommended storage time: 24 months from manufacture in fully sealed original container, indoors and at temperatures between 5° and 35° C.

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LEGAL TEXT NOTE

This information and, in particular, the recommendations regarding the application and final use of the product, are given in good faith, based on the current knowledge and experience of Isaval Paints of the products when they are properly stored, handled and applied, in normal situations, within its useful life, according to the recommendations of Pinturas Isaval. In practice, the possible differences in the materials, supports and actual conditions at the place of application are such that it cannot be inferred from the information in this document, no any other written recommendation, neither any advice offered, will insure the guarantee in terms of marketing or suitability for particular purposes, neither any obligation outside of any legal relationship that may exist. The user of the products must carry out the tests to verify their suitability according to the use they want to give. Pinturas Isaval reserves the right to change the specifications of its products. The property rights of third parties must be respected. All orders are accepted according to the terms of our current General Conditions of Sale and Supply. Users should know and use the latest and updated version of the local Product Data Sheets, a copy of which will be sent to whoever requests them, or can also be obtained on the page "www.isaval.es". Data on this Sheet are based on laboratory tests. The measures taken "on site" may vary due to circumstances beyond our control.