



## TECHNICAL DATA SHEET

### 6.1 POWDERED



#### ► Rhonaplast Ceramic covering

Plaster for repair

1988 / Version 4 / 05-03-2025



## DESCRIPTION

Powder coating specially designed to cover gresite or ceramic surfaces on areas to be painted. As well as for repairing and restoring typical masonry surfaces. Respond all the requirements established in the "GREEN BUILDING", offering the highest possible score for BREEAM and / or LEED certifications.

## PROPERTIES

- Great adhesion to the surface.
- Fill cracks without cuts or quarters, with unlimited thickness.
- Quick drying.
- Impermeable to rainwater.
- White finishing and exceptionally hard.
- Applicable on thicknesses of up to 10 mm for filling plaster and unlimited for filling.
- Easy to apply.
- Sanding recommended 48 hours after application.
- It can later be coated with the appropriate paint for the room.

## USES

RHONAPLAST CERAMIC COVER offers excellent adhesion on surfaces such as cement, concrete, plaster, cast, brick, traditional paint, tiles gresite and low absorption surfaces. Can be used to restore interior and exterior vertical surfaces with vitreous surface, both interior and exterior and to restore concrete, mortar, etc. surfaces as long as they are well adhered and free from dust, oil and grease.

## TECHNICAL DATA

<b>Appearance</b>	Powder.
<b>Colour</b>	White.
<b>Mixed mortar density (Kg/L)</b>	1.80
<b>Max. granulometry (microns)</b>	< 200
<b>Fresh product pH</b>	8.0 - 9.0
<b>Useful life of mixture (min)</b>	60 - 90
<b>Drying time (2 mm thickness and 20°C)</b>	12 h on ceramic surfaces 4 - 6 h on absorbent surfaces
<b>Shore Hardness</b>	87
<b>% Mixing water</b>	38 - 43
<b>Determination of adhesion by direct traction, UNE-EN 1542:1999 (N/mm<sup>2</sup>)</b>	Concrete: > 1.8 Paint: > 2.2
<b>Adhesion to vitreous surface (MPa)</b>	> 0.95
<b>Minimum thickness per layer</b>	1 mm
<b>Maximum thickness per layer</b>	10 mm on absorbent surfaces 4 mm on ceramic surfaces
<b>Usage</b>	1.70 - 1.90 Kg/m <sup>2</sup> /mm of paste
<b>Classification pursuant to (EN 16566-2014)</b>	G3E5S2V0W0A0C0R0
<b>Cleaning of utensils and stains</b>	With water before drying. If the product hardens, it can only be removed mechanically.



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## HOW TO APPLY

- The surface must be intact, clean, consistent and free from dust, grease, oil, micro-organisms and any other material that could affect the products correct adhesion to the surface.
- If there is any kind of anomaly on the surface, the relevant cleaning and repair processes must be carried out (dust removal, cleaning processes and masonry repairs) and any loose or falling parts removed in order to ensure the above-mentioned conditions.
- Protect the metal parts with an anticorrosive primer.

## POSSIBLE APPLICATION SYSTEMS

Apply Rhonaplast ceramic cover using a smooth trowel or spatula of stainless steel, leaving a layer of 2-3 mm. On vitrified, ceramic and absorbent bases where thicknesses greater than those indicated above are to be left, it is recommended to place a fibre glass mesh, this being embedded into the product. Once this first layer has dried, another layer of product of 2-3 mm should be applied, to cover the mesh and leave a coating-mesh-coating type system. Seals of different fibre panels should overlap at least 5 cm. Once dry, sand it and then paint it.

## FINISH RHONAPLAST CUBRE CERÁMICA:

- Yield: 1.7-1.9 kg/m<sup>2</sup>/mm
- Coats:

## 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: 12 months from manufacture in fully sealed original container, indoors and at temperatures between 5° and 35° C.

## 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](http://www.isaval.es). All data in this document are based on laboratory tests conducted at 20°C and 1 atm pressure. Measurements taken "on-site" may vary due to circumstances beyond our control, such as changes in environmental conditions of pressure and temperature.