



TECHNICAL DATA SHEET

6.1 POWDERED



► Rhona T-600

2483 / Version 3 / 16-01-2024



DESCRIPTION

Cementitious mortar based on cement, selected aggregates and synthetic resins. Indicated as an adhesive for insulating panels of RHONATHERM systems. Component of the Rhonatherm system that contributes to LEED and BREEAM certifications.

PROPERTIES

- Easy to apply.
- Can be applied in a wide range of thicknesses.
- Low retraction
- Permeable to water vapour.
- Can be projected
- Excellent adhesion.

USES

RHONA T-600 is indicated for:

- Gluing of thermal insulation panels (EPS, XPS or mineral wool).

Ideal product for use on cement, concrete, masonry mortars, fiber cement, expanded and extruded polystyrene panels, rock wool, traditional paint and common masonry supports with a certain degree of absorption, with the exception of plasters and plasters

TECHNICAL DATA

Appearance	Gray powder
Mixed mortar density (Kg/L)	1.8
% Mixing water	27-32
pH	12.5 – 13.5
Useful life of the mixture (hours)	4 - 6
Drying time (2 mm thickness and 20°C)	Concrete: 7 – 8 h
Adhesion by direct traction (MPa)	Concrete: > 1.0 EPS: > 0.1
Maximum thickness per layer	Unlimited to glue
Usage	Gluing: 3-6 Kg/m ² en función del estado del soporte y tipo de material aislante.
Cleaning of utensils and stains	With water before drying. If the product hardens, it can only be removed mechanically.

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.
- Do not wet the surfaces before applying the putty.

SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Never apply below 5°C or above 30°C.

AMBIENT CONDITIONS:

Do not paint under conditions of excessive sunlight, strong winds, or if rain is forecast.

1/2



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POSSIBLE APPLICATION SYSTEMS

For applications in RHONATHERM insulation systems, spread with a No. 10 notched trowel over the polystyrene panels giving the required thickness, to cover the panel evenly except for a 2 cm wide area along the entire perimeter of the panel, to prevent the adhesive from flowing back through the joints and creating a thermal bridge.

FINISH RHONA T-600:

- Yield: 3-6 Kg/m²
- Coats: 1

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". Data on this Sheet are based on laboratory tests. The measures taken "on site" may vary due to circumstances beyond our control.