



TECHNICAL DATA SHEET

6.1 POWDERED

► Rhonaplast Exteriors XHA

High adhesion plaster

2166 / Version 5 / 05-03-2025



DESCRIPTION

High performance plaster indicated for filling, repairing and renewing interior and exterior surfaces. Respond all the requirements established in the "GREEN BUILDING", offering the highest possible score for BREEAM and/or LEED certifications.

PROPERTIES

- Quick setting
- Great adhesion even on non-porous materials
- High impact resistance
- Enables painting without risking colour change or the appearance of efflorescence.
- Very easy to apply
- No wastage or divisions.
- Product reinforced with fibreglass.
- Suitable for repairing floors.
- Applicable on thicknesses of up to 10 mm for filling plaster and unlimited for filling.

USES

Ideal product for use on drywall, traditional plastic paints, cement, concrete, block, brick, stone, gresite, glass paste, ceramics, etc.

TECHNICAL DATA

Appearance	White Powder.
Finish	Fine and hard.
Mixed mortar density (Kg/L)	1.65
Fresh product pH	9.0 - 10.0
Useful life of mixture (min)	20 - 40
Drying time (2 mm thickness and 20°C)	Concrete: 4 - 5 h Paint: 5 - 6 h
% Mixing water	30 - 35
Shore Hardness	88
Determination of adhesion by direct traction, UNE-EN 1542:1999 (N/mm²)	Concrete: > 1.7 Paint: > 1.5
Minimum thickness per layer	1 mm
Maximum thickness per layer	10 mm (plaster) Unlimited (fill in)
Usage	1.40 - 1.60 Kg/m ² /mm of paste
Classification pursuant to (EN 16566-2014)	G3E5S2V0W0A0C0R0
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.
- Do not try to re-form the product once it has started to set. Re-mixing the product causes its setting curve to rupture and reduces its properties, which means that defects may appear after application.



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SURFACE AND AMBIENT CONDITIONS

SURFACE TEMPERATURE:

Do not apply to hot surfaces or those in direct sunlight, or damp bases.

POSSIBLE APPLICATION SYSTEMS

NON-STRUCTURAL CAVITY RECOVERING: Open 2 to 3 times the dimensions of the crack until you reach the consistent bottom. Fix the inside of the crack and once it is dry and consistent, fill it with RHONAPLAST EXTERIORES XHA. **STRETCHING OUT OF FILLINGS:** In vitrified, ceramic and absorbent bottoms where thicknesses greater than those indicated above are to be applied, it is recommended to place a fiberglass mesh, leaving it embedded in the product and the application of a bridge primer. Once this first coat has dried, another layer of 2-3 mm RHONAPLAST EXTERIORES XHA must be applied to cover the mesh, leaving a plastering-mesh-plastering type system. The joints of different fiber cloths must overlap by at least 5 cm.

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, nor 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. 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.