



TECHNICAL DATA SHEET

6.3 DIY



► Rhonaplast Adhesive cement

Adhesive cement

2010 / Version 3 / 05-03-2025



DESCRIPTION

High-performance cement adhesive of C1E classification for gluing tiles on masonry surfaces.

PROPERTIES

- C1E classification pursuant to the EN12004 standard.
- Resistant to water and immersion.
- Great adhesion to the surface.
- Flexible product.

USES

Placement and gluing of ceramic materials in walls and floors: wall tiles, mosaics, floor tiles, stonework, glass mosaic, Catalan tile, terrazzo, rustic tuff, klinker and natural stone facing not susceptible to changing colour. Fitting of ceramic tiles with absorption levels from 1% to 3%. Can be used for placing tiles on swimming pools and radiant floors. Applicable on brick, cement, stone, concrete and fibrocement supports.

TECHNICAL DATA

Appearance	White powder.
Apparent density (Kg/L)	1.300
Paste apparent density (Kg/L)	1.660
Mixing ratio	0.27 L/Kg of powder
Useful life of the mixture (hours)	2
Adjustability time.	30 min
Filling the joints (hours)	24
Consumption (Kg/m2)	3
Initial adhesion (N/mm2)	0.5 N/mm2
Adhesion after immersion (MPa)	0.5 N/mm2
Adhesion after heat cycles (MPa)	0.5 N/mm2
Adhesion after ice-thaw cycles (MPa)	0.5 N/mm2
Open time (20 °C)	30 min

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.
- All the surfaces must be flattened correctly. The surface must not have evident moisture problems and, if applicable, the curing retraction must have completed respecting the maturing period.
- In case of heat, wind or very absorbent surfaces, it is advisable to moisten the surface slightly and wait for the water film to disappear. Do not apply on plasters or paints.

POSSIBLE APPLICATION SYSTEMS

Place the small pieces by "combing" the paste on the surface with a 6x6 mm toothed trowel. For formats larger than 400 cm², a toothed trowel of 8x8 mm will be used. Press the floor tiles to stick the adhesive grooves. Spread the paste on approximately 1 m² surfaces so that the time between applying the adhesive and placing the piece is less than the open time (30 minutes under normal conditions, although less in high temperature and/or wind conditions). It is advisable to control the open and adhesion time of the tiles. To do this, place a piece and lift it from time to time to check whether the adhesive sticks to the surface and to the ceramic tile. The back of the tiles must be completely wet.

FINISH RHONAPLAST CEMENTO COLA:

- Yield: 3 kg/m²
- Coats:



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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. 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.