

ADHESIVE CEMENT C2

EXTRA 511

Improved adhesive mortar C2 with mixed binders, deformable, with reduced slip and extended open time, for fixing interior and exterior floors, interior cladding and exterior skirting boards. Particularly recommended for laying rectified floors and new floors on existing floors. For bonding all types of ceramic tiles, porcelain stoneware, natural stone, granite and marble.

Composition

Product based on high-strength gray or white cement, sieved aggregates, additives, and synthetic resins ensuring a high degree of adhesion, excellent workability, and good resistance to aging.

Features and Applications

Reduces slippage. Excellent initial adhesion.

Long open time, allows for rectification of pieces.

Eliminates the need to wet pieces or substrates thanks to its water retention properties.

Adheres to all types of ceramic, porcelain stoneware, marble, granite, and natural stone pieces.

Product recommended for laying rectified tiles.

Swimming pool coverings.

Suitable for floors subject to heavy traffic.

Suitable for laying pieces up to 40 x 40 cm in exterior cladding up to 3 m high.

Supports

Traditional cement backings.

Floor coverings and ceramic tiles for interior decoration.

Backings must be strong, stable, clean, dust-free, and free of any residue from de-moulding materials, organic products, etc.

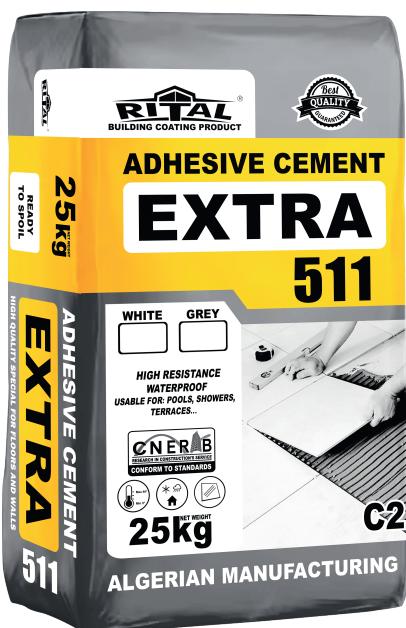
All backings must have sufficient flatness. Otherwise, create raised areas of up to 5 mm using the same product 48 hours before bonding. For greater thickness, use:

On the screed: Self-leveling compound P900

from the RITAL RANGE

In hot and windy conditions or in the case of highly absorbent backings, it is recommended to moisten the backing and then wait until no water layer remains.

On external pavements, the backing must have a slope equal to or greater than 1%



Technical Data

Statistical results obtained under standard conditions

Appearance:	WHITE or GREY powder
Adjustment time:	Approximately 30 minutes (depending on climatic conditions)
Useable Life (UBL):	Approximately 2 hours (depending on climatic conditions)
Initial adhesion:	$\geq 1 \text{ N/mm}^2$
Adhesion after exposure to water:	$\geq 1 \text{ N/mm}^2$
Adhesion after aging under the action of heat:	$\geq 1 \text{ N/mm}^2$
Adhesion after freeze-thaw cycle:	$\geq 1 \text{ N/mm}^2$
Service temperature:	-30°C to 90°C
Classification according to NF EN 12004 :2008	C2

Instructions

Add water and mix manually or mechanically until a smooth, workable consistency is obtained.

Let the paste rest for approximately 5 minutes and knead it again.

Spread the mixed product onto the substrate using a trowel to a maximum area of 2 m².

Combine with a notched trowel to adjust the thickness (see table).

Place the pieces on the fresh adhesive, pressing and moving until the grooves are completely flattened and the entire surface of the ceramic tile is properly bonded. Periodically check the adhesion of the adhesive by lifting a previously laid tile; if you observe a film without transfer on the surface of the adhesive or if the adhesive dehydrates, remove the material and apply a new product.

Respect construction joints (expansion, contraction, expansion, and peripheral corner joints) and joints between tiles (minimum 2 mm on the inside and 5 mm on the outside).

Joints must be filled after 24 hours for vertical surfaces and 48 hours for floors. Use the appropriate mortar from the RITAL JOINT COMPOUND RANGE, depending on the type of joint.

Precautions and Recommendations

Do not use below 5°C or above 30°C.

Do not use if there is a risk of frost, rain, strong winds, or direct sunlight.

In extreme weather conditions (strong winds or high temperatures), drying may occur more quickly than usual.

It is recommended to leave a peripheral expansion joint of approximately 5 mm between the floor and the wall or pillar, hidden by the baseboard.

Presentation

25 kg laminated paper bags.

Storage for up to 1 year in the original packaging, protected from weather and humidity.

Note

The instructions in this manual are based on our tests and knowledge, and do not imply any commitment on the part of SARL RITAL or release the consumer from the responsibility of checking and verifying the products for their correct use.

Claims must be accompanied by the original packaging to allow for proper traceability.

SARL RITAL assumes no responsibility, under any circumstances, for the application of its products or construction solutions by the application company or other parties involved in the application and/or execution of the project in question. RITAL's liability is limited exclusively to possible damages directly or exclusively attributable to the products supplied, individually or integrated into systems, due to manufacturing defects.

4kg / 1m²

