

ADHESIVE CEMENT C2 TE S1

Flex MS/6265

Cement adhesive C2 TE S1 with mixed binders. Flexible and highly adhesive. Specially recommended for facades and the installation of large-scale coverings, smooth surfaces, and radiant-heated floors. For bonding all types of ceramic pieces. For indoor and outdoor use.

Composition

Product based on high-strength cement, sieved aggregates, additives, and synthetic resins, guaranteeing a high degree of adhesion, good workability, and wear resistance.

Features and Applications

Indoor and outdoor use. Facades and swimming pools.

Adhesion of all types of ceramic pieces. Recommended for large pieces.

Eliminates the need to moisten substrates thanks to its water-retaining properties.

No detachment. Excellent initial adhesion.

Extended open time, allows for piece correction.

Deformable

Gluing of large surfaces with heavy traffic and radiantly heated floors.

Substrates

Conventional cement substrates.

Substrates must be strong, stable, clean, and free of dust, formwork residue, organic products, etc.

Interior and exterior ceramic floor and wall coverings.

All substrates must be adequately flat. Otherwise, create raised surfaces of up to 5 mm with the same product 48 hours before bonding. For greater thicknesses, use traditional dry mortars or Self-Leveling Compound P900 from the RITAL RANGE.

In hot and windy conditions, or for highly absorbent substrates, moisten the substrate and wait until the water film disappears.

Do not apply to plaster or paint.

Technical Data

Statistical results obtained under standard conditions



Appearance:	WHITE
Mixing water for white product:	29.5 ± 2%
Mixing water for gray product:	30 ± 2%
Apparent dust density:	1.5 ± 0.2 g/cm3
Mixed product density:	1.7 ± 0.2 g/cm3
Adjustment time:	Approximately 30 min. (Depending on climatic conditions)
Paste pot life:	Approximately 2 h. (Depending on climatic conditions)
Initial adhesion	> 1.0 N/mm ²
Adhesion after water exposure	> 1.0 N/mm ²
Adhesion after aging under heat	> 1.0 N/mm ²
Adhesion after freeze-thaw cycle	> 1.0 N/mm ²
Classification according to NF EN 12004:2008	C2 TE
Classification according to NF EN 12002:2009	S1

Instructions

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

Let the mixture rest for 5 minutes and mix again.

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

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

Install the pieces, applying pressure and rocking them until the hollows are completely flattened and the adhesion is perfect.

Comply with construction joints (expansion, contraction, splitting, perimeter corner joints) as well as the joints between shingles (minimum 2 mm).

Joints should be filled after 24 hours on vertical facings and after 48 hours on cladding.

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.



4kg / 1m²

