satine
CEMENT TECHNOLOGY

C2TE S1

SPECIAL ADHESIVE FOR FACADES
HIGH BONDING STRENGTH

C2 Series Type: C30/50-B - C30/50-G

C2TE S1 is a powder-based, one-component, fibred adhesive in two colours: white or grey. **Provides outstanding flexibility and long open times. Recommended for the installation of:** glass mosaics, gres floor tiles, porcelain tiles, porous wall tiles, terracotta, marble, natural and artificial stone, tile-on-tile overlays and **metals** (iron, galvanised sheet, aluminium, etc.) on façades, floors (interiors and exteriors) and swimming pools.

It is packaged in **25-kg. bags** to be mixed with water. Thixotropic and easy to apply on different types of substrates: cement products (concrete, cellular concrete, mortar, panels), plasterboard panels, ceramic tiles, brick, floors with underfloor heating, polystyrene-polyurethane foam. This product is the result of **SPECIALISED RESEARCH.**

Characteristics:	
Appearance	White or grey powder
Water mix ratio	± 30% (±5.75 lt bag of product)
Powder density	± 1.2 kg /dm^3
Anti-sagging properties	Yes
Application temperature*	Between +5 y +30ºC
Open time*	± 60 min
Pot life*	> 2 h
Ready for traffic after*	± 24 h
Toxic/Flammable	No
Flexibility	Yes
Coverage	± 1.3 kg/m^2
Packaging	25-kg. bag
Storage	1 year in the closed bag in a dry place
Values obtained at 23ºC and 50% relative humidity	

:ASSOCIATED WITH:

AIDICO INSTITUTO TECNOLÓGICO DE LA CONSTRUCCIÓN

Stated values may vary slightly depending on ambient application conditions.

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SUBSTRATES

Substrate type	Cement-based adhesive used	Piece size and application method	
		Interior wall	Exterior wall
Concrete	**C2TE S1**	S ≤ 1350 cm^2 P. (30×45) - DB T=8 mm.	S ≤ 1350 cm^2 P. (30×45) - FB T=8 mm.
Cement mortar	**C2TE S1**	S ≤ 1350 cm^2 P. (30×45) - DB T=8 mm.	S ≤ 1350 cm^2 P. (30×45) - FB T=8 mm.
Plasterboard panels (Pladur)	**C2TE S1**	S ≤ 1350 cm^2 P. (30×45) - DB T=8 mm.	
Tile-on-tile overlay	**C2TE S1**	S ≤ 1350 cm^2 P. (30×45) - DB T=8 mm.	S ≤ 1350 cm^2 P. (30×45) - FB T=8 mm.

Substrate type	Cement-based adhesive used	Piece size and application method	
		Floors	Swimming pools
Uneven surface	**C2TE S1**	S ≤ 3600 cm^2 P. (60×60) - DB T=8 mm.	S ≤ 900 cm^2 P. (30×30) - FB T = 8 mm.
Smooth surface	**C2TE S1**	S ≤ 3600 cm^2 P. (60×60) - DB T=8 mm.	S ≤ 900 cm^2 P. (30×30) - FB T = 8 mm.

S=Size F=Floating **FB**=Floating & Buttering **T**=Trowel **P**=Piece

- On walls, the weight of pieces should be less than or equal to 30 kg. / m^2 .
- On floors with underfloor heating, heat should be turned off during installation and for the next 7 days.
- Do not apply directly on plaster or wood.

GUIDELINES

The indications in the table above should be adhered to.

a) Substrate condition:

- Substrates should be solid, dry, dust-free and level. (If it is not level, this can be corrected using the self same adhesive).
- Very dry or porous substrates or high ambient temperatures: splash water on the surface.
- Substrate and application temperatures should be between 5ºC and 30ºC.

b) Cement-based adhesive preparation:

- Mix the cement-based adhesive with clean water (See the table on page 1). Mix with a power mixer at low speed (~ 500 rpm) until an homogeneous paste results.
  Allow to settle for 5 minutes and mix again prior to application.

c) Installation

F.- Floating.- Apply **C2TE S1** directly on the wall with a 6 m/m. notched trowel.

FB.- Floating & buttering. Additionally, butter the underside of tiles with a spatula or 6 m/m. notched trowel.

Apply enough adhesive to cover a section of ± 2 m^2, with the product's opening time being approximately 30 minutes.

Lay the tiles in place and press them down into the adhesive in order to ensure the grooves on the underside of tiles are covered and proper bonding results. Every so often, check that the adhesive has not lost its tackiness. In the event that a surface film should form, re-rake the surface with the trowel and continue working.

- Use cross-spacers to keep the proper distance between tiles.
- Approximate pot-life: ± 2 hours.
- To achieve a good finish of grouted joints, the use of **MALBERT JUNT** is recommended (see technical data sheet and colour sample sheet)





CLEANING

- The stains left by calcareous materials on ceramic tiles can be removed with our product DETER-CAL (see the technical data sheet). Clean tools with plenty of water before the adhesive has dried fully.

NOTE: These guidelines are based on the best of our knowledge and are the result of our long experience and laboratory tests. Being as application conditions are beyond our control, we cannot assume any liability for the incorrect use of our product. Fabrica reserves the right to make changes in the data provide whenever it is deemed convenient, with no prior notice.

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