



# 393

## BASE TILE ADHESIVE (SUPER FLEX 2 IN 1) (C2TE)

### PRODUCT SPECIFICATION

---

MTC- Base Tile Adhesive (Super Flex 2 in 1) 393 is a specially designed polymer modified cement-based adhesive which provide superior high strength and super flexible bonding. This product high water-resistant properties further enhances usage in wet and dry area such as concrete swimming pool and spa.

Ideal for laying ceramic tile, homogeneous tile, porcelain tile, natural stone & marble in interior and exterior wall and floor. It is applicable to use on concrete, block wall, cement render, cement sand screed, panel wall, gypsum board, sand board and tile-on-tile of existing flooring and wall.

### PACKING SIZE AND STORAGE

- 20 kg of dry mix powder.
- 12 months of storage life in unopen packaging.
- Store in **DRY** condition.



# DATA SHEET

## CLASSIFICATION (EN 12004)

MTC-Base Tile Adhesive (Super Flex 2 in 1) 393 is a cementitious (c) improved (2) slip resistant (T) with extended open time (E) classified as C2TE.

## SURFACE PREPARATION

- Clean the surface thoroughly to get rid of all contaminants such dirt, dust & grease.
- There must NOT be ponding on floor slab and seepage from floor above or wall adjacent.
- Do not apply on painted area.

## APPLICATION

- Applying with notched trowel using double buttering technique on tile and floor screed.
- Tile joint must be minimum 2.5mm wide.
- Cleaning of tile surface must follow immediately after tile are set in proper level or position.
- No re-position and no external pressure on tile are allowed after 30 minutes.
- Grouting of tiles may continue after 48 hours.
- For application on concrete wall, swimming pool, spa and natural stone.

## PREPARING AND MIXING

- Mixing ratio of 20 kg MTC – Base Tile Adhesive (Super Flex 2 in 1) 393 with 6 – 6.5 liters of clean water or mix it to a creamy paste.
- Do not mix this product with other additives or OPC (cement).
- Recommended use of electrical hand drill mixer.

## NOTE

Do not use MTC-Base Tile Adhesive (Super Flex 2 in 1) 393 :

- On concrete subject to high shrinkage.
- On wall and floor subject to strong movement or vibration (wood, glass) or metal surfaces.

## TECHNICAL DATA

Consistency	Powder
Color	Grey or white
Binder	Ordinary portland cement
Filler	Limestone and graded sand
Additives	Water soluble additives and polymer
Max. aggregate size	1.0mm
Bulk density (kg/m <sup>3</sup> )	1350
Dry solids content (%)	100

## APPLICATION DATA

Consistency of mix	Very pasty
Density of mix (kg/m <sup>3</sup> )	1500
Pot life	6 hours
Thickness	4 – 8 mm
Coverage	1.15 kg/m <sup>2</sup> /mm
Adjustability time	Approx 45 minutes
Ready for grouting on walls	After 12 hours
Ready for grouting on floors	After 48 hours
Application temperature	5°C - 45°C

## FINAL PERFORMANCE

Tensile Adhesive strength according to EN 1348 (28days)	
Tensile adhesive strength	2.12 N/mm <sup>2</sup>
Water immersion	1.35 N/mm <sup>2</sup>
Heat aging	1.20 N/mm <sup>2</sup>
Extended open time > 30 minutes according to(EN 1346)	1.90 N/mm <sup>2</sup>
Slip resistant ≤ 0.5 mm according to (EN 1308)	0.06 mm
Resistance to alkali	Excellent
Resistance to solvents	Excellent
Resistance to dampness	Excellent