



An ISO 9001: 2008 Certified Company.



# Durafix TA (Silver)

## Technical Data Sheet

### Polymer Modified cementitious Tile Adhesive

#### Product Description

Durafix:TA (Silver) is a polymer modified cementitious tile adhesive for fixing ceramic tiles of regular size on the wall and floor and porous natural stone on the floor it can be used over cementitious & self levelling screeds for internal application only.

#### Key Features

- It is a ready to mix; a single component product
- It has excellent adhesion properties, no slip is observed on vertical applications
- Shrinkage cracks are minimized/eliminated due to its self curing properties
- Larger quantity of material can be mixed at a time due to its longer pot life
- The tiled floor can be made available for foot traffic after 24 hours

#### Recommendation

It is recommended for application on cementitious substrates, self leveling screeds.

Tested as per ISO 13007-1&2

#### TECHNICAL PARAMETERS#

Bulk Density	1.50 - 1.60 g/cc
Pot Life	2 Hours
Setting Times	
a) Initial Setting	200-300 minutes
B) Final Setting	300-400 minutes
Open Time	5 minutes
Adjustment Time	5 minutes
Slip Resistance @20 kg/sqm	0 mm
Foot traffic	24 Hours
Tensile Adhesion Strength @ 28 days	Initial > 0.5Mpa After immersion >0.5Mpa
Compressive Strength @ 28 days	>5Mpa

#### Directions for Use

##### Surface preparation

- Clean the substrate of oil stains and bond inhibiting compounds, also remove dirt, dust and laitance, if any, using high pressure water jet or any other suitable method
  - Ensure that the substrate is flat, stable, well adhered and has a normal absorption
  - Concrete screeds, plastered surfaces, block work and renders should be sufficiently cured to avoid shrinkage cracks
  - Correct the local undulations/damages on the substrate at least 48 hours before the application of Durafix:TA (Silver)
- Saturate the surface well and remove excess water before application of the tile adhesive

##### Mixing

- Gradually add 3 parts of powder to 1 part of water (by Volume) and mix it to a smooth, workable paste
- Do not attempt to extend the pot life by adding more water to the mix
- After mixing allow the paste to stand for 2 minutes for it to mature



##### Tile Fixing

- Apply Durafix:TA (Silver) over the surface using the straight edge of the notched trowel and then comb the applied adhesive the notched side of the trowel to achieve the desired thickness. If the adhesive is buttered to the tile, then ensure proper coverage of tile surface to avoid voids
- Firmly press the tile into the adhesive to ensure good initial bonding

##### Pack Size:

**Durafix:TA (Silver) 20 Kg**

**Colour:** Grey

##### Consumption:

For a 3mm bed thickness the coverage will be 4-4.5 kg/sqm  
Note: The coverage will vary depending on surface undulations

##### Shelf Life:

1 year from the date of manufacturing, for unopened bags, stored in dry condition.

* Tile porosity / water absorption - (E)	Low porosity ( Group I)	Medium porosity ( Group IIa)	Medium porosity ( Group II b)	High porosity ( Group III)
	E ≤ 3%	3 % < E ≤ 6%	6% < E ≤ 10%	E > 10%

**Health & Safety:** Durafix TA (Silver) . Use of gloves and goggles is recommended. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought. Condura components are non flammable.

**#Note:** Pot life, open time and adjustability time varies depending on the service conditions viz temperature, humidity and wind factor.

**#Note:** These test values were obtained during our laboratory tests. Site mixes may show slight differences in performance due to methods of applications.

**Disclaimer:** Information on this datasheet is to be treated as guideline for usage. Users are advised to undertake a trial for product suitability prior to it's full scale usage. There is no express or implied guaranty/warranty for the results. The company is not liable for any consequential damages.

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