

## **Tiba putty 801**

Perfect ready mortar cement base high quality, polymer modified ,one component ready mixed

Putty for smoothing internal and external surface prior to painting and coating applications

Tiba putty 801 is formulated to comply with German FDI DN 18156 .

### **Description**

**Tiba putty 801** is cement base high quality ready mixed polymer modified one component in powder form just water added in site .

**Tiba putty 801** is ideal for smoothing cement based plastered walls and ceilings and fair face concrete prior to painting and coating applications .

**Tiba putty 801** can also be used for patching of pre-cast concrete products.

**Tiba putty 801** is specially formulated to provide smoothing finish when applied manually by putty knife / spatula also . **Tiba putty 801** can be applied by spraying machine to increase productivity . in this case **Tiba putty 801** will give rough surface .

**Tiba putty 801** is ideal for indoor and outdoor finishing applications .

### **Composition**

**Tiba putty 801** is manufactured from carefully selected raw materials which include a blend of special high strength hydraulic binders selected well graded fillers and special additives to enhance workability, water retention , adhesion and smoothing characteristics.

## Characteristics

- ✓ Easy to apply . Only requires the addition of water on site for ease of use.
- ✓ Raw materials are selected according to high Q.C. standards .
- ✓ Exact mixing ratios and homogeneity of blend.
- ✓ Excellent mixing and workability characteristics.
- ✓ Excellent bonding characteristics to plastered substrates and fair face concrete
- ✓ Breathable , allows the substrates to breath without de-lamination .
- ✓ Excellent resistance to extreme weather condition.

## Technical data

Base	Portland cement , graded clean very fine calcium carbonate and special additives .
Available color	Gray and white
Application thickness	0.2- 4 mm.
Powder density	Approx. 1.15 Kg / Lit.
Port life	Approx. 120 minutes at 25° C.
Compressive strength	>5.0 N / mm <sup>2</sup>

## Packaging

Tiba putty 801 is available in 11.5 , 30 Kg. bags .

# TIBA MIX



**Mix proportion**  
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Approx . ~~4.5± 0.25 liters of water / 11.5 Kg. bag~~

Approx . 11.75 ± 0.25 liters of water / 30 Kg. bag

## Coverage

Approx. 0.5- 0,75 Kg. / m<sup>2</sup> ( smooth finish with hand application )

( Coverage rate may vary depending on surface condition ).

## Surface Preparation

Cement based wall and ceilings are the recommended substrates that can be covered with **Tiba putty 801** plastered substrates should be left to cure for at least 3 days prior to application of **Tiba putty 801** .

Any problem in the substrates which may lead to water penetration must be rectified . all substrates should in a good and strong condition . all substrates also should be clean an free from any loose particles , dust, oil ,grease coring agent , or paint .

If the Surface is dry and in hot weather . pre-wit prior to the application of **Tiba putty 801** without leaving excess water .

## Application procedures

- The whole contents of the bag should be mixed together with water , in one clean container using a hand drill equipped with mixing blade .
- Partial small amount may be mixed manually , with a trowel , or other suitable hand mixing tools.
- Add 4.5/11.75 liters of fresh cool , clean water in one deep container . then , add the contest of the 11.5/ 30 kg. bag gradually and mix till the mixture is uniform and free of lumps . for best results , use as little water as possible . keep mixing for 3-5 minutes and re-mix for one minute to insure proper mixing and good dispersion of additives .
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Factory & Administration: Plot No. 12 Block No. 1, 2nd Industrial Zone, 15th Of May City, Cairo

E-mail : [info@tibamix.com](mailto:info@tibamix.com)

Fax : 02-25452065

Phone : 02-25452064

[www.tibamix.com](http://www.tibamix.com)

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- **Tiba putty 801** should be immediately applied on surface to be applied ( within port life ) , while the mortar is fresh and workable. In case of delay, do not additional water . remix till the mortar is workable again.
- Apply **Tiba putty 801** to the prepared surface using the flat said of trowel while pressing firmly into prepared substrates.
- Apply **Tiba putty 801** to the prepared surface either by conventional hand applied technique or using spraying machine followed by smoothing to desired surface texture. In this case the quantity of mixing water may be increased till flowable consistency will be achieved.
- It is recommended to apply **Tiba putty 801** at 2 layer minimum . each layer should be left to dry completely for at least 2 hours prior to application of the following layer . pre- wet the first layer before applying the following layer.

**Tiba putty 801** can be applied at thickness up to 4 mm per layer ( max. 2 coats per day )

## Storage

Shelf life is 12 months from manufacturing date , in dry , covered storage area.

## Health and Safety

While using the product , gloves and goggles should be worn . splashes to skin or eyes should be washed with clean water .

*Our recommendation are based on extensive research as well as practical experience. Result cannot be guaranteed where the actual application work is beyond our control. Customer must carry out their own investigation and test the suitability of our materials for their intended purposes. Kindly note that this data sheet supersedes any previous prints. For any additional information , please consult our technical marketing department.*

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