

# CEMTEC WALL PUTTY 110

Premixed, water resistant high quality cementitious putty



## DESCRIPTION

**CEMTEC WALL PUTTY 110** is A high performance polymer modified cementitious applied as a thin underlayment to repair undulations. It provided a very smooth surface finish that ideal for subsequent application of paints and decorative coating. **CEMTEC WALL PUTTY 110** can be applied in thickness from 1mm-3mm. **CEMTEC WALL PUTTY 110** is supplied as a premixed, ready to use that requires only addition of water on site

## RECOMMENDED USES

- Filling cracks, holes in the concrete
- Use as Leveling to uneven minor surfaces/ undulations.
- Can be used for interior / exterior application.
- Use on concrete, precast, and plastered surfaces that are smooth.
- Suitable for use over CMCI plastering material and on gypsum board.

## ADVANTAGES

- It requires only the addition of water on site
- Factory controlled, preblended that ensures high quality of the product
- Fill all cracks and levels the plastered surface and when sanded gives a smooth finish
- Polymer modified ensures good bonding/ flexural strength
- Suitable for humid & dry condition
- Strong adhesion on a variety of substrates
- It provides very smooth finish

## SPECIFICATION/COMPLIANCES

**CEMTEC WALL PUTTY 110** complies with the requirements of ASTM C 472 99 clause 10 and ASTM C 587 02 Clause 5 and BS EN 1015 12

## PHYSICAL PROPERTIES

Appearance	White Powder
Working life	Approx. 2 hours
Application Thickness	≤ 3mm
Dry density	Approx. 1600 kg/m <sup>3</sup>
Water addition	0.38-.40 liter / kg
Water -Cement Ratio	38% up to 40 % by weight
Setting time @ 25°C	6-8 hours

### Note:

Working life and setting time will vary dependent on ambient and substrate temperature.

## PREPARATION

### Surface Preparation

The surface should be sound, clean, free from loose material, grease, laitance, dirt, curing compound, etc.

Before application of **CEMTEC WALL PUTTY 110** , saturate the entire surface with clean potable water. All surfaces should be look damp at the time of the application of **CEMTEC WALL PUTTY 110** .

### Mixing

On the mixing container add 7.6-8.0 liters of clean potable water for each 20 kg bag of **CEMTEC WALL PUTTY 110** . Mix thoroughly with slow speed drill with a paddle for 3-4 minutes until getting a uniform, lump free consistency.

Leave the mixed **CEMTEC WALL PUTTY 110** to stand for 5 mins and briefly remix without adding water. Mix small batch quantities manually for approximately 1-2 minutes or until getting a homogenous mixture.

When required, add 1 liter of CEMPOL SBR to mixing water and adjust the water requirement for each 20 kg bag of **CEMTEC WALL PUTTY 110** . Mix thoroughly with slow speed drill with a paddle

## APPLICATION

**As a crack filler:** Remove all loose particles or wallpaper from holes. The mixed product should be pressed firmly into the cracks by spatula, putty knife, or trowel.

**As a Finish coat:** Apply **CEMTEC WALL PUTTY 110** to the substrate in single or double coats by pressing the putty firmly using flat trowel until the material is level and become smooth finish.

### Note

1. Apply a second coat once the first coat initial set.
2. It is recommended to apply one coat of alkali-resistant primer followed by two coats of acrylic emulsion paint or other suitable coating

### Curing

**CEMTEC WALL PUTTY 110** does not require curing with standard methods for most applications. Under hot windy or rapid drying conditions, a fog spray or wet cure for 24 hours is recommended after final set of material

### CLEAN-UP:

Clean tools and equipment with water before the material hardens. Clean the hardened materials mechanically.

## PACKAGING

CEMTEC WALL PUTTY 110 is available in 20 kg bags.

## SHELF LIFE

12 months when stored at shaded dry place in original un-opened bags.

## PRECAUTION & LIMITATION

- **CEMTEC WALL PUTTY 110** is powder based and inhalation of dust and contact with eyes should be avoided
- Use protective gloves and goggles during the application
- wash any skin contact with soap and clean water
- In case of eye irritation, immediately wash with clean cold water
- **CEMTEC WALL PUTTY 110** is non flammable

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### Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

**"High Quality Construction Chemicals"**  
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The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.