

# CEMTEC CWP<sup>®</sup>

## WATER REPELLENT ADMIXTURE



### DESCRIPTION

**CEMTEC CWP** is a blend of stearate water repellent and other chemicals which, when used as an admixture, form an internal barrier against water penetration. **CEMTEC CWP** also increases the plasticity of mortar, reduces water absorption and thereby guards against freeze-thaw damage. It is available in powder form without chloride or in a liquid formula which contains chlorides for additional densification and acceleration of the mortar or concrete. **CEMTEC CWP** will not increase the air content of mortar or concrete. Its specific gravity is 1.12

### FEATURES AND BENEFITS

- Reduces moisture absorption as much as 60%
- Reduces capillary action.
- Reduces vapor transmission through walls and slabs.
- Provides greater workability.

### BASIC USES

**CEMTEC CWP** is used in mass concrete foundation walls, floors that must be watertight, cement stucco, and in mortar for setting masonry and glass block.

### DOSAGE

Add **CEMTEC CWP** to concrete or mortar in the following proportions:

- Liquid 1 ltr per 50 kg bag of cement
- Powder 0.5 kg per 50 kg of cement

Increment for lime mortar; the above quantities should be added for each 0.03 m<sup>3</sup> of lime as well as for each bag of cement.

**CEMTEC CWP** will treat 0.76 m<sup>3</sup> of concrete or mortar for laying 1300 bricks.

Test Results	Absorption Ratio Fed. Spec. SS-C-1816	Relative Absorption	Concrete Absorption Total Immersion	
			10 Minutes	24 Hours
Plain Mortar	0.34	100%	1.28%	4.10%
Mortar with "Dry" Waterpeller	0.18	53%	.47%	.65%
Mortar with "Liquid" Waterpeller	0.16	47%		

### ENGINEERING DATA

**CEMTEC CWP** is approved for use by the veterans Administration and by The City of Cleveland board of Building Standards & Appeals.

### ARCHITECTURAL SPECIFICATIONS

All concrete or mortar, where so designate, shall be treated with an admixture to form an inert and water repellent film which will line the pore structure of the concrete and/or mortar making it internally water repellent. The admixture shall be **CEMTEC CWP** and it shall be used in strict accordance with the directions of the Manufacturer Construction Material Chemical Industries.

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<b>COVERAGE</b>	3.9 to 5.7 ltr liquid or 1.8 to 2.7 kg powder
<b>PACKAGING</b>	Available in 20 ltr pails and 210 ltr drums 20 kgs bags for powder.



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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.

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.

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