

CEMTEC WALL SEAL

MASONRY COATING

CEMTEC WALL SEAL is a heavy duty cementitious coating intended to decorate waterproof, and protect masonry. It is mixed with water and applied to the surface of masonry or concrete walls to seal voids and coat the wall, thereby stopping moisture penetration. **CEMTEC WALL SEAL** is produced in white and grey decorative colors for use above grade and in a foundation gray for below grade non-decorative use only. **CEMTEC WALL SEAL** is formulated with catalyzed stearates for easier mixing.

WHERE USED

CEMTEC WALL SEAL is used on virtually all masonry surfaces both inside or outside, basements, tunnels, machinery pits, cisterns, reservoirs, and concrete walls to eliminate rubbing and old walls to eliminate tuckpointing. Do not use over previously coated surface without a bonding agent or proper preparation. Many sealers act as bond breakers, therefore consult Construction Material Chemical Industries for recommendations.

ADVANTAGES

- Lower cost than metallic or asphalt waterproofers.
- Ease of mixing and application.
- Becomes a permanent part of a wall
- Combines beauty with lasting protection.

DIRECTIONS FOR USE

A. Surface Preparation

Clean the surface by brushing, scraping or chipping to eliminate all defective materials and foreign matter. Chemically remove any efflorescence, form oil, mold, etc. At least 70% of the original surface must be exposed for a good bond. Repair all cracks and holes at base of walls to relieve water pressure. Leave weep holes open one (1) day after application of **CEMTEC WALL SEAL** and then plug with **AQUAPLUG**

Dampen walls an hour before application and keep damp allowing moisture to soak in. Dense Concrete should be wetted at least twice, not less than 30 minutes apart. Surface must be damp (no free

water) immediately ahead of application. If **CEMTEC WALL SEAL** starts to pull on application this indicates surface has not been properly wetted.

B. Mixing

Empty 25 Kg of **CEMTEC WALL SEAL** into clean container; add approximately 7.2 Ltr. clean water and mix to pancake batter consistency. Allow mix to fatten for 15 minutes; it should then adhere to the brush without dripping. For extra bonding strength on smooth, dense concrete or previously painted surfaces, mix 2 ltr of **CEMPOLACRYLIC, ACRYLIC LATEX** with 5 ltrs. of water for each 25 kg bag of **CEMTEC WALL SEAL**.

C. Application:

BRUSH - apply **CEMTEC WALL SEAL** with stiff fiber brush. Scrub well into the damp wall filling all pores and finish with final stroke in one direction. Keep a wet edge. After 4 hours apply second coat. **TROWEL** - Apply as above except on the second coat, trowel a mixture of 2 parts **CEMTEC WALL SEAL** and 1 part clean white silica sand to the wall. **SPONGE FINISH** - When finish coat has tightened, float it to desired texture with a sponge or wood float. Do not apply when temperature may drop. below 7.2°C or when wall is frozen. **D.CURE** - When surface becomes hard enough, fog spray with clean water keeping wall damp for 3 days. The hotter the weather the more critical the cure.

TECHNICAL INFORMATION

Tensile Strength	ASTM C 109	5 N/mm ²
Bond Strength	ASTM C 321	3.5 N/mm ²
Compressive Strength	ASTM C 09	2.8 N/mm ²
Shake Bond Strength	ASTM C 109	3.5 N/mm ²

COVERAGE

Applied at the rate 1 kg/m² - 25 kg of **CEMTEC WALLSEAL** will cover 25m² of surface. Applied at the rate of 1.5 kg/m² of **CEMTEC WALLSEAL** will cover 16 m² surfacem²

PACKAGING

25 kg Bags.

APPLICATION RATE GUIDE PER 1M ²			
Type of Application	First Coat	Second Coat	Final Coat
Waterproofing Walls			
Normal	1Kg	0.5 Kg	Brush
Severe	1 Kg. by brush	0.4 Kg by brush and 0.2 Kg by Trowel	Trowel

“High Quality Construction Chemicals”

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QUALITY STATEMENT

CMCI manufacture 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 recommendation 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.