

CEMTEC WALL SEAL

MASONRY COATING



DESCRIPTION:

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.

BASIC USES

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

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.

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 CEMPOL ACRYLIC, with 5 lts. of water for each 25 kg bag of **CEMTEC WALL SEAL**.

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.

Curing

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/m ² of CEMTEC WALLSEAL will cover 25m ² of surface. Applied at the rate of 1.5 kg/m ² of CEMTEC WALLSEAL will cover 16 m ² surface
PACKAGING	25 kg Bag
COLOR	White

Application Rate Guide per 1 M ²			
Type of Application	First Coat	Second Coat	Final Coat
Waterproofing walls			
Normal	1 Kg	0.5 Kg	Brush
Severe	1 Kg by brush	0.4 Kg by brush 0.2 Kg by Trowel	Trowel

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.