



Life of Construction

## CLEXOCRETE-CWC

[(ACRYLIC POLYMER BASED WATERPROOF COAT & BONDING AGENT) GRADE-30 & GRADE-50]

CECPL-1006

### OVERVIEW

CLEXOCRETE-CWC is an acrylic based polymer modified cementitious waterproofing system. It can be used as a waterproofing membrane for terraces, balconies and roof slabs. Mortar modified with CLEXOCRETE-CWC has improved physical strength, and superior adhesion to old concrete, masonry, brick, and many other surfaces. When mixed with cement will provide the unique solution to all problems related to water leakage and protects from severe fungus, salt penetration, or environmental attack.

### PROPERTIES

- CLEXOCRETE-CWC increases the plasticity of concrete and cement.
- Provides a tough and hard surface with waterproofing.
- Resistant to salt penetration.
- Resistant to UV rays, mild acids to strong alkalis.
- Non health hazards to workmen.
- Can be applied on horizontal as well as vertical surfaces.

### AREAS OF USES

- Bathroom and any floor to dampness.
- Water tank or swimming pools
- General concrete repair
- It can be used for protection of concrete against corrosion, salt attack, etc.
- Waterproofing of basements, toilet, terraces, roof, bridge decks etc.

### INSTRUCTIONS FOR USE

The application temperature should be between 5°C to 45°C. Application procedures may vary slightly depending upon site conditions. The general recommended guidelines for the application of the waterproofing system are as follows:

#### SURFACE PREPARATION

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease. All surface imperfections and protrusions shall be removed and repaired. Structurally unsound and friable concrete must be removed and repaired with a suitable CLEXOCRETE-CWC concrete repair mortar.

#### FOR WATERPROOF COATING:-

After the primer coat is completely dried apply the treatment. Mix CLEXOCRETE-CWC with Portland cement in the ratio of 1 Part CLEXOCRETE-CWC: NO PARTS WATER: 2.5-3 PARTS PORTLAND CEMENT using

For further details visit: [www.clexoengineering.com](http://www.clexoengineering.com)

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We are driving Waterproofing administrations supplier and waterproofing workers for hire in India. We give 5 and 10 years guarantee (relies upon the material quality) on our all administrations including new and old administrations from us.

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slow speed mixers. Material should be preferably mixed in small quantities to avoid wastage. Minimum 2-3 coats of CLEXOCRETE-CWC are recommended depending on the nature of the surface.

#### AS CEMENT SLURRY/BONDING AGENT:-

The application surface must be clean and free from dust grease and loose particles.

Surface may be damp but not saturated. Prime the prepared surface using CLEXOCRETE-CWC PRIMER (1 part CLEXOCRETE-CWC and 3 parts Water) with brush, roller or spray. Slurry coat with a mix design of 1:2-2.5 (1Kgs CLEXOCRETE-CWC: 2-2.5Kgs Cement).

The applied Bonding agent should be in tacky condition before topping with new concrete. (15-20% water can be added for make slurry brushable; if Thick).

#### AS REPAIR MORTAR:-

The application surface must be clean and free from dust grease and loose particles. Surface may be damp but not saturated. Prime the prepared surface using CLEXOCRETE-CWC PRIMER (1 part CLEXOCRETE-CWC and 3 parts Water) with brush, roller or spray Repair Mortar with a Mix design of 1:2:6 (1 CLEXOCRETE-CWC: 2 Part cement: 6 Part sand) applied in specific area.

After the application of repair mortar make the surface wet for 12-24 hours (It should not be flowing Water).

#### PRECAUTION:

Mix only the required quantity of material, which can be utilized within stipulated pot life to avoid solidification.

Wash all the tools and tackles with industrial solvent immediately after the application is completed.

#### **HEALTH & SAFETY**

As with all chemicals, caution should always be exercised. avoid prolonged contact with eyes and skin.

Protective clothing such as gloves and goggles should be worn. See the relevant material safety data sheet for more information.

### MIX DETAILS

Application	M*:W*:C*:S*	Coverage (sqm/kg)
Waterproofing coating	1 : 0 : 2.5-3 : 0	(1mm thickness in 2 coats)
Cement slurry/bonding coat	1 : 0 : 2-2.5 : 0	(1mm thickness in 2 coats)
Polymer Repair Mortar	1 : 0 : 2 : 5-6	(2mm thickness in 1 coat)

\* (M=CLEXOCRETE-CWC, W=Water, C=Cement, S=Sand)



#### PACKING & STORAGE

CLEXOCRETE-CWC is available in 20Kg, 50Kg & 200 Kg plastic pails.  
Shelf life is 12 months in unpinning container. store containers in a clean dry area protected from direct Sunlight and extreme heat and cold.

#### TECHNICAL DATA

Product	2 Grades Multipurpose Acrylic Polymer		
Appearance	Milky White		
Grades	Grade 30%	Grade 50%	
Solids Content By Weight	30±5%	50±5%	
Viscosity (Brookfield) @ 20° C (ASTM D 1475-16)	15000-20000cps (Depend on mixture)		
Specific Gravity	1.1±0.2 @20°C		
TouchDry Time	5 Hr.@22°C & RH 50%		
Toxicity	Nontoxic but avoid inhalation		
Service Temperature	+5°C to +45°C		
Compressive Strength after 28 days	27.1-32.0 N/ mm2		
Flexural Strength after 28 days	7.9 -12.7/ mm2		
Tensile strength after 28 days	1.9 -2.48 N/ mm2	Permeability test	Passes
Adhesion Strength (N/mm2)	2.07	Density	1080±4% Kg/ m3

## PICTURES/IMAGES AT GLANCE



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[An ISO 9001: 2015 Company]

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