

**CEMENTITIOUS
WATERPROOF**



CEWAY-MP[®]

Cementitious Waterproofing System

JV POLYMERS
innovative coating

DESCRIPTION

CEWAY-MP® is a flexible cementitious waterproofing system formulated to waterproof, fill and seals pores and voids of all masonry and concrete. It is mixed with latex or water and applied to the surface of masonry or concrete walls.

ADVANTAGES

- Minimum surface preparation needed
- Applied directly to the concrete and masonry
- Bond to porous and non-porous surfaces
- Excellent for damp-proofing basements and below grade surfaces
- Breathable – allows transmission of water vapour from interior of building
- Flexible – thermal expansion similar to concrete
- Excellent for pointing leaking brick and masonry walls
- Self curing – no fear of premature drying
- Ease in handling and application

USES

- Planter box
- Foundations, reservoirs water tank
- Toilets, bathroom and kitchen
- Basement
- Retaining wall and tunnel

APPLICATION

SURFACE PREPARATION

All the surface which are to receive **CEWAY-MP®** coating must be free from oil, grease, wax, dirt or any other form of foreign matter which might affect adhesion. Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired with a suitable concrete repair mortar.

MIXING

Add the powder component gradually to clean water avoiding lump formation and mix 2-4 minutes. Mixing water is approx. 7.5 to 8 litres per 25kg of **CEWAY-MP®**. Do not mix more material than can be used within pot life. Keep mixing from time to time during application.

PLACING

Damp the surface before coating with **CEWAY-MP®**. Use a short, stiff bristle brush preferably 10 to 200mm in width. Apply like a paint using 1 or 2 coats as required. Spray or trowel applications can be undertaken as necessary using the correct mixing ratio to obtain satisfactory consistency. Two coats are recommended for best result. On hot substrate i.e. over 40°C surface temperature, a primer coat of **CEWAY-MP®** and water with a slurry like consistency should be applied. Prime only areas that can be coated with **CEWAY-MP®** before the primer dries.

CURING & TREATMENT

The freshly applied waterproof coating shall be protected from rain, during its drying time. The applicator should also take precaution to protect the **CEWAY-MP®** from any mechanical damage during the construction of his other works. **CEWAY-MP®** waterproofing system to floors should be protected from damage by applying a protective screed. Allow **CEWAY-MP®** to cure for at least 5 –14 days before application of screed.

LIMITATION

CEWAY-MP® should not be applied during rain or when rain is expected. For vertical application, **CEWAY-MP®** should be cured for at least 5 – 14 days, depends on ventilation condition of area of application, prior to laying of cement / sand plastering or tiling or similar. The use of tile adhesive or bonding agent would be an added advantage to ensure optimum bonding between tiling/ plastering and **CEWAY-MP®**.

CLEANING

CEWAY-MP® should be removed from tools and equipment immediately after use with clean water.

PRECAUTIONS

- Avoid eye and skin contact as the product is alkaline.
- Gloves, goggles and dusk mask should be worn.
- Avoid inhalation of dust during mixing.
- Wash thoroughly after handling.
- In case of eye contact, flush with plenty of water. Seek medical help immediately.

PACKAGING & STORAGE

CEWAY-MP® is supplied in 25kg per bag and has a shelf life of 9-12 months if stored in a cool dry place in sealed packaging with sheltered protection from rain and sunlight.

APPLICATION(SPECIAL CLIMATE)

A 25kg bag of CEWAY-MP is to be mixed with a mixing liquid consisting minimum of 7.5 liters with a ratio (2.5 litres SILBOND-AN and 5 litres clean water). Mixing must be carried out with a low speed mechanical mixer and mixed to a properly blended CEWAY-MP slurry with a consistency of smooth and heavy matter. Additional mixing liquid of same proportion is allowed in order to achieve the required consistency of blend due to different climate, such as temperature and humidity condition.

COVERAGE

Usage	Consumption	Film Thickness	Area(1 bag)
Protective coating	1.5kg/m ²	1.0mm	16.8m ²
Waterproofing	2.0kg/m ²	1.2mm	12.8m ²

TYPICAL PERFORMANCE DATA

Property	Property Typical Results
Pot life at 20oC 30oC	60 min 20 min
Mixed Density	1.65kg/litre (Brushed consistency)
Colours	Grey
Water Absorption ASTM BS 1881 @ 28days	<1%

Customer Service

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Technical Service

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