



INDOCEM CW

2 Component Polymer Modified Cementitious Waterproof Coating

DESCRIPTION

INDOCEM CW is a two component polymer modified cementitious coating. The product may be trowel, brush or spray applied to provide a flexible, waterproof barrier.

TYPICAL USES

INDOCEM CW may be used where there is a requirement to exclude water from a building or retain it within a structure. The material is particularly effective for

- Pile head waterproofing.
- Water proofing of potable water reservoirs, both interior and exterior.
- To provide protection for concrete against carbonation and chloride attack.
- Water proof coating for roofs, concrete water tanks, lift well, inspection pits, swimming pools spillways, bathrooms, kitchens and other wet areas.
- Waterproof lining for water retaining structures
- General construction waterproofing. As a protective coating for foundations.
- As a backing to marble and granite to prevent water ingress and thus alleviate surface staining Protection against brackish water
- Coating sea water channels
- Protection of concrete against carbonation and chloride ion attack

ADVANTAGES

- Excellent performance and flexible in nature, Good adhesion to most surface
- Non toxic therefore suitable for potable water.
- Resistant to carbon dioxide and chloride ion diffusion. (Forms a film that provides an anti carbonation coating over concrete.
- A 1 mm coating of INDOCEM CW provides anti carbonation cover which is equivalent to over 75 cm of concrete.)
- Can resist up to 7 Bars of pressure.
- Unlike conventional coatings which require 7 to 28 days cure of concrete, INDOCEM CW can be applied to 24 hours old concrete, thereby giving immediate protection to the concrete.
- Allows the substrate to breath.

TECHNICAL PROPERTIES

Drying time	4 hours
Specific Gravity	1.8
Water penetration DIN 51048 : Part5:1991	Nil
Toxicity	Non Toxic
Suitability for use with potable water tank BS 6920 Part 1 : 1990	Conforms



CHEMICAL RESISTANCE: As per (ASTM D - 543 - 1995) INDOCEM CW is resistant to following chemicals solvents & oils.

Linseed oil, Kerosene, Methyl alcohol, Sodium hydroxide (1%), Distilled water, Ethyl alcohol (95%), Engine oil, Diesel.

APPLICATION INSTRUCTION

SURFACE PREPARATION

The surface must be sound and free of oil, grease, dust and other unwanted residual material which will affect the bonding. The surface to be treated should be saturated with water prior to application but no standing water should be present.

MIXING

The material is supplied in two parts, and pre measured. On site mixing is needed. Take the liquid in a container and slowly add the powder to the liquid and mix using a slow speed drill fitted with a suitable paddle until a lump free creamy consistency is obtained. Do not mix more material than that can be used within 45 minutes. Never add water to loosen the material at any stage.

APPLICATION

Apply the first coat using sufficient material at a rate of 1 kg /m² to completely cover the holes, cracks etc. A soft bristled brush or roller can be employed for this.

Once the first coat is dry, apply second and third coat in order to achieve the required thickness at an average rate of 0.75 to 1 kg/m² per coat. For best results embed AN ADHESIVE PRIMER into the first coat and apply the second coat on top of it.

PACKAGING

Available in 20 kg kits.

Part A: 15 kg powder

Part B: 5 kg liquid.

COVERAGE

1 kg / m² /Coat

STORAGE

Store out of direct sunlight, clear of the ground on pallets, protect from rainfall. Avoid excessive compaction.

Shelf life is 12 months when stored as above. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult BAUTECH, Technical Services Department.

PRECAUTIONS

HEALTH & SAFETY As with other products containing Portland cement, the cementitious material in INDOCEM CW may cause irritation. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Call a physician. In case of contact with skin, wash skin thoroughly.



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