

### SAB<sup>®</sup> modiflex CW 216

#### Two Component Polymer Modified Flexible Cementitious Waterproof Coating

#### Description

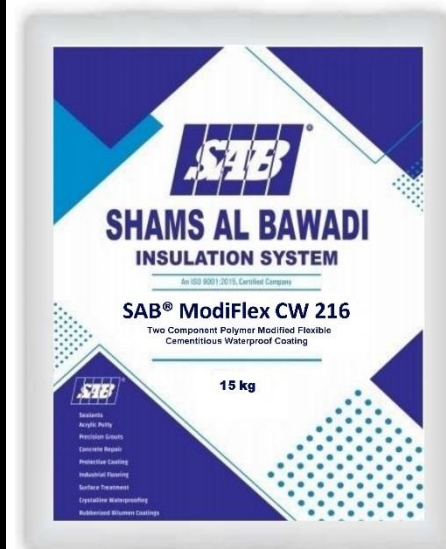
##### SAB<sup>®</sup> modiflex CW 216:

Is a two-component polymer modified cementitious coating. The product may be trowel or brush applied to provide a flexible waterproof barrier.

##### Usage:

SAB<sup>®</sup> modiflex CW 216 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.
- Waterproof 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.
- Can resist up to 7 Bars of pressure.
- Unlike conventional coatings which require 7 to 28 days cure of concrete, SAB<sup>®</sup> modiflex CW 216 can be applied to 24 hours old concrete, thereby giving immediate protection to the concrete.
- Allows the substrate to breath.

### Technical data SAB<sup>®</sup> modiflex CW 216

Color	Grey (Colors on request)
Drying time	3 hours
Specific Gravity	1.85
Tensile Strength (N/sqmm)	1.2 (+/- 0.2)
Elongation (%)	60 (+/- 10)
Toxicity	Non-Toxic
Hydrostatic pressure @5bar (50m)	Pass

*(The properties shown above were obtained under laboratory conditions).*

*All values given are subject to 10% tolerance*

**CHEMICAL RESISTANCE:** SAB<sup>®</sup> modiflex CW 216 is resistant to chemical solvents & oils.

### PREPARATION OF SURFACE

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 premeasured. 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 AND CLEANING OF TOOLS

Apply the first coat using enough material at a rate of 1 kg /m<sup>2</sup> to completely cover the holes, cracks etc. A soft bristled brush or trowel can be employed for this.  
Once the first coat is dry, apply second and third coat to achieve the required thickness at an average rate of 0.7 to 0.9 kg/m<sup>2</sup> per coat. If necessary, embed an adhesive primer into the first coat and apply the second coat on top of it.

### HEALTH AND SAFETY

As with all construction chemicals products caution should always be exercised. Protective clothing such as gloves and goggles shall be worn.

Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting and call for medical assistance immediately. There are no known health hazards associated with SAB<sup>®</sup> modiflex CW 216

### PACKING AND 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

### PACKAGING

Available in 20 kg kits.

Part A: 15 kg powder

Part B: 5 kg liquid.

### COVERAGE

1.7 to 1.8 kg / m<sup>2</sup> / 1 mm thickness