

WATERGUARD GB - 509

Acrylic Cementitious, Flexible Waterproof Coatings.

Description: -

Waterguard GB – 509 is a two component acrylic Cementitious waterproofing Coating it is designed for the cost effective Waterproofing for all kind of internal & external masonry and concrete surface. It is added to the concrete mix in a pre – determined quantity to increase waterproofing.

Advantages:

- Easy to use to apply.
- Resists hydrostatic pressure (> 5 bars).
- Crack bridging ability.
- Flexible.
- Enables substrates to breathe.
- Can be applied to damp surfaces.
- High Strength of bond, High adhesive, excellent in whole.
- Stands up to pedestrian and light traffic.

Technical Data:

Property	Typical Result
Toxicity	Non Toxic
Tensile Strength	2.42 N/mm ²
Water V a pour Permeability	0.27 x 10 ⁻¹¹
Flexural Strength	5.05 N/mm ²
Compressive Strength	40 N/mm ²
Abrasion Strength	0.336 after 1000 Cycle
Adhesive Strength	1.15 N/mm ²

Processing

Surface Preparation:-

The Surface to be coated must be clean and sound remove all traces of formwork, release agents, previous coating, laitance and any other contaminants that may affect the bond adhesively.

Mixing:-

Waterguard GB – 509 is supplied in premeasured units and should be mixed on site using clean container. Slowly add the powder to the liquid and mix. Using a slow speed drill fitted with a suitable paddle. Do not mix more materials that can be used in 1 hour.

Applications:-

Mixing proportion: 15 kg: 5 kg
Addictive: (1 – 2) kg water, Use a brush or roller to apply the slurry into the substrate and spread evenly. The 2nd Coat is applied after the first layer is dried and spread vertically. The third coat is applied when necessary.

WATERGUARD GB - 509
Acrylic Cementitious. Flexible Waterproof Coatings.

WATERGUARD GB - 509

Acrylic Cementitious, Flexible Waterproof Coatings.

Uses: -

It is flexible Cementitious water proofer suitable for use.

- Toilets & Kitchens.
- Balconies & Planter Boxes
- Swimming Pools.
- Water Tanks.
- Basement Walls.
- Retaining Walls.
- Sea Walls.
- Reservoirs.
- Concrete Gutters.

Curing:-

The Freshly applied Waterguard GB - 509 shall be protected from direct rain, dirt, oil grease or other loose particle for at least 12 hours.

It is foot trafficable after 24 hours and resistant to light mechanical stress after 3 days. Permanent water pressure resistance shall be achieved after a full hardening of 14 days.

Cleaning: -

Cleans tools and equipment immediately with clean water before the waterproofed sets. Hardened material can only be removed mechanically.

Coverage:-

Approximate 0.38 to 0.50 kg/m² per coat. 02 Coats are required.

Packaging:-

Waterguard GB – 509 is packed in 20 Kg Set Powder – 15 kgs in Cementone Bag, Addictive Liquid 05 kgs in Cementone Cane.

Materials & Formulation:-

All Materials is imported from Germany, China & Dubai, and Formulated in Pakistan.

Storage & Shelf Life: -

Water guard GB – 509 has a Shelf life of 12 months. Store all materials in cool dry Place.

Health & Safety: -

Waterguard GB – 509 contains cement which may cause skin irritation. For personal precaution, protective gloves and goggles are recommended to be worn during handling of this Product. If product contacts with eyes, flush immediately with clean water and seek medical assistance if symptoms prolong.

WATERGUARD GB - 509
Acrylic Cementitious. Flexible Waterproof Coatings.