



CHEMIKO GUARD 2K

Two component cementitious waterproof coating

1/1/2017

DESCRIPTION

CHEMIKO GUARD 2K is a two component cementitious & acrylic polymer based flexible waterproofing & protective coating made up from the best quality Portland cement, properly selected & graded aggregates additives, fiber & acrylic emulsion polymer as a binder. It is applied to waterproof and protect concrete and similar structures.

ADVANTAGES/CHARACTERISTICS

- Easy to apply by brush, roller & spray machine
- Provides seamless and joint less waterproofing
- Highly durable, UV tolerant & Flexibility Excellent bond strength to porous and non-porous concrete surfaces.
- Non-toxic, suitable for drinking water & water tanks.
- Excellent resistance to ingress of water & thermal shocks

APPLICATION INSTRUCTIONS

Surface Preparation

- The surface must be strong & free from dirt, dust & loose particles. Thoroughly wire brush the surface & clean the dust by air compressor or wash the surface with water. Oil & grease must be removed using degreasing solvents.
- Any damaged surface must be repaired by using polymer modified repair mortar.

FIELD OF APPLICATION / USES

- Basements, Raft, Retaining Wall
Roof slabs, such as parking decks, roof decks, Podium slabs, Green Areas, Planter boxes

TECHNICAL DATA

Property	Value / Requirement
Material Type	2-part (Powder & Liquid)
Powder: Liquid Ratio	2:1
Water Absorption (Max)	< 4%
Tensile Strength (Min)	3.0 N/mm ²
Bonding Strength w/ Concrete (7 Days, Min)	2.0 N/mm ²
% Elongation Range	40 - 80%
Crack Bridging Capacity	1 - 3 mm

DISCLAIMER

The above information and details herein are based on the tests conducted & experience on application and usage. The user is advised to carry out the test and take trials to satisfy on the suitability of the products and meeting his requirement considering the prevailing conditions prior to apply/ using it on larger area. As the conditions under which the products are used or transported are beyond our control. We would not hold ourselves responsible on its consequential nonperformance.



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Mixing

- Shake well the liquid component to a homogenous milky color, before mixing transfer entire quantity of liquid component into a suitable clean mixing vessel, gradually start addition of powder component under constant mixing with a stirrer using a pneumatic or electric power tool (1kw) at slow speed at 250 – 300 rpm for 3-5 minutes to a homogeneous & uniform free flowing slurry after proper surface preparation apply 2 coats of CHEMIKO GUARD 2K mixed slurry in perpendicular direction.
- Do not dilute with water or any other material. Apply minimum 2 coats with a thickness of 0.75mm per coat. Leave it to dry for 24 hours. In case of swimming pool, water tanks, leave it for 7days before filling it with water as well as mock up or ponding tests on site.

HEALTH & SAFETY

- CHEMIKO GUARD 2K is safe, nontoxic, and eco-friendly and present no health hazard. Protective clothing such as gloves and goggles.
- INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting.
- Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give
- oxygen if breathing is labored. Get emergency medical hel
- SKIN CONTACT: Flush with water or soap and water until all traces have been removed.
- Seek medical attention if required.
- EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.
- INGESTION: Causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not
- COVERAGE: coverage depends on Nature of surface. 6-7 sqft in 2 coat will give 1.5 mm dft
- STORAGE & SHELF LIFE: Shelf life is 12 months in unopened container. Store away from sunlight and
- preferably below 30C.

AVAILABLE PACKING: 3KG , 15KG , 30 KG & 50KG

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ISO 9001:2015