



# AQUAGUARD 2C 40

## Acrylic modified, two component water proof coating

### DESCRIPTION

**AQUAGUARD 2C 40** is a prepackaged cementitious brush; roller or spray applied surfacing material. Modified with high solids pure acrylic polymers, this material exhibits excellent bond strength with reduced permeability. **AQUAGUARD 2C 40** forms a breathable protective coating. **AQUAGUARD 2C 40** protect exposed reinforced concrete structures from attack from acidic gases and chloride ions. The coating is particularly suitable for use in areas of coating and marine environments and can be used in all types of structures, for existing and new concrete. **AQUAGUARD 2C 40** exhibits high wear resistance, weather resistance and is suitable to be used as a decorative coating. The coating provides seamless resilient and flexible waterproofing which is suitable for reservoirs, roofs and water tanks.

### ADVANTAGES

- Suitable for waterproofing of water retaining structures.
- Polymer modification reduces permeability and dusting while increasing bond, tensile and flexural strength.
- Excellent resistance against the Middle East Environment.
- Non-toxic
- For interior or exterior use.
- Excellent wear resistance.
- User friendly-low labor cost.

### RECOMMENDED USES

- Water proofing of basements, toilet, terraces, roofs, swimming pools, water tanks, bridge decks, etc.
- Suitable for general concrete repairs.
- It gives excellent bond strength.
- It can be used for protection of concrete against corrosion, salt attack, etc.

### TECHNICAL DETAILS

Bond Strength	: 3.6 Mpa (520 psi)
Compressive Strength	: 5600 psi
Flexural Strength	: 1600 psi
Toxicity	: Non-toxic
Density	: 1.55 gm/cm <sup>3</sup>
Tensile Strength	: 725 psi
Application temp.	: Not below 5 <sup>0</sup> C

### COVERAGE

**AQUAGUARD 2C 40** covers 7 – 8 sqmt in two coats for small pack.

### SURFACE PREPARATION

Concrete must be clean and rough. All oil, dirt, debris, paint and unsound concrete must be removed. The surface can be prepared mechanically using sandblasting, shot blasting or scarifier, which will give a slight surface profile. The final step in cleaning should be complete removal of all residues with a vacuum cleaner or by pressure washing. Prior to application, the surface should be pre-soaked with clean water, excess standing water should be removed.

### METHOD OF APPLICATION

**AQUAGUARD 2C 40** should be mixed using slow speed mixer. Use a paddle type mortar mixer for large jobs. **Pour the entire liquid polymer into the bucket, mix dry component slowly into it.** Mix for a minimum of 3 minutes to avoid air entrapment. **AQUAGUARD 2C 40** should be applied immediately after mixing.

## SAFETY

**AQUAGUARD 2C 40** is safe, non-toxic, and eco-friendly and presents no health hazard. As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles

**INHALATION:** Inhalation of vapor or mist should be avoided. 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

**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 induce

**SKIN CONTACT:** Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

## STORAGE

Minimum 18 months in unopened container. Store away from sunlight and preferably below 30°C.

## PACKING

**AQUAGUARD 2C 40** available in 7.5+2 Kg and 5 kg +18 kg packs.

Technical Support:



& Polymertech UK Ltd.  
CN-07468396  
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