

# **AQUA GUARD**

## **(Pure Acrylate based polymer)**

### **PRODUCT DESCRIPTION:**

AQUA GUARD is a single component, PURE ACRYLATE based polymer consisting of polymer and liquid additives. It can be used as a waterproof membrane for terraces, balconies and roof slabs. It accommodates limited crack movement in underlying surfaces. It develops an excellent bond to most building material hence becoming a part of concrete repair.

### **PRIMARY APPLICATION:**

- 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.

### **ADVANTAGES**

AQUAGUARD is a PURE ACRYLATE based polymer used for making of cement based waterproofing slurry that is flexible and can be used as coating for control of efflorescence. AQUAGUARD can be used as bonding agent also. AQUAGUARD is having more than 50 % active ingredients and therefore it is the best cement based water proof slurry for coating on concrete and all building surfaces required for waterproofing

### **Technical Specification**

SOLIDS CONTENT BY WEIGHT : 46+/-± 2%

COLOR : Milky White

VISCOSITY :15000-20000cps -(Brookfield) @ 20° C **(ASTM D 1475-16)**

SPECIFIC GRAVITY : 1.1±0.2 @20°C

TOUCH DRY TIME : 5 Hr.@22°C & RH 50%

## **DIRECTIONS FOR USE:**

**Surface preparation-** Concrete must be clean and rough. All oil, dirt, debris, paint and unsound concrete must be removed. The final step of cleaning should be complete removal of all residues with a vacuum cleaner or by pressure washing.

## **APPLICATION**

Prime the prepared surface using **AQUAGUARD PRIMER** (1 part AQUAGUARD and 3 parts water) with brush, roller or spray.

Mix AQUAGUARD with Portland cement in the ratio of **1 part AQUAGUARD: 2 PARTS WATER: 4.5-5 PARTS PORTLAND CEMENT** using slow speed mixer. Material should be preferably mixed in small quantities to avoid wastage. Minimum 2-3 coats of AQUA GUARD are recommended depending on the nature of the surface.

## **COVERAGE:**

1 Lt. AQUA GUARD mixed as per data sheet will cover appx. 4.5 sqmt – 5.0-sqmt areas in 2 coats depending upon the porosity of the surface.

## **CLEANING:**

Utilize clean water for cleaning of equipments and tools.

## **PACKAGING:**

AQUA GUARD is packaged in 1kg and 20 kg containers

**NOTE:** All information is given in good faith on the results gained from experience and tests. However all recommendations of suggestion are made without guarantee since we do not have any control on the site conditions and its uses.