

# K5 AQUAGUARD

## An Easily Brush Applied Single Pack Cementitious Water Proofing Coating



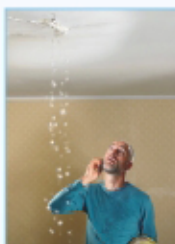
### Description :

K 5 AQUAGUARD is a prepacked single component powder based waterproofing system ensures the total and permanent solution to water leakage, ingress, or seepage in concrete structures or any cementitious substrate. The formation and development of insoluble crystals into water bearing capillaries and interstices effectively blocks the further passage of water and ensures permanent water tightness for the life of the structure.

### Uses :

All structures which are required to be waterproofed and protected against the ingress of moisture. Basements, Lift Shafts, Water tanks, Swimming Pools, Sewage Tanks, Retaining Walls, Reservoirs, Bridge Pilers, Dams, Tunnels, Dock gates etc.

- Water tanks / towers
- Reservoirs
- Tunnels
- Swimming pools and water treatment works
- Dams and canals
- Concrete pipes
- Bridge decks
- Retaining walls and foundations



### Advantages :

- Economical and easy to use
- Excellent adhesion
- Non toxic
- Allows surface to breath
- Excellent waterproofing characteristics.
- Provides total and permanent waterproofing properties.
- Non-toxic or tainting.



### Properties :

K 5 AQUAGUARD when used as recommended combines with water and cement to form an impermeable coating by blocking the capillaries and pores. i.e. waterproofing by crystallisation.

### Application Instructions :

**SURFACE PREPARATION :** All leaks and water jets must be stopped using K5 AQUAPLUG plugging compound. Substrate must be sound, clean and free from loose particles or laitance or contamination and present cracks must be treated with K5 CRACKSEAL (See separate data sheet).

### MIXING :

K 5 AQUAGUARD should preferably be mixed mechanically by using an electric drill and paddle attachment. Pour 8 to 9 litres of water in the container first and add powder slowly while mixing continuously until an even homogeneous mix of brushing consistency is obtained.

### APPLICATION :

The prepared surface must be thoroughly wetted with water for absorption and excess water should be removed. K 5 AQUAGUARD must be applied in 2/3 uniform coats at an application rate of 1-1.5 kg/m<sup>2</sup> per coat on the water pressure side of the structure. Mixed K 5 AQUAGUARD will remain workable for 20 minutes. Mixing in small quantities is recommended.

### CLEANING :

All tools must be cleaned with water immediately after use.

### Packing & Coverage :

1 kg, 5 kg, 25 kg bag.

Cover 16.5 - 25 m<sup>2</sup> at a rate of 1.5-1 Kg / m<sup>2</sup>, depends on the porosity of the surface. Two or three coats are recommended.

### Shelf Life :

12 months storage life when stored in original unopened container at between 5 °C to 45 °C in a dry and shaded place.

### Health & Safety :

K5 AQUAGUARD is non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical attention immediately, do not induce vomiting.



### NOTE :

All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.

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