



**Aqua Gard** is a flexible, acrylic polymer modified, cement-based, two component waterproofing coating. **Aqua Gard** can be applied over concrete and masonry surfaces. **Aqua Gard** is easy to use and economical. This system comprises cement-based white powder and acrylic polymer in liquid form both supplied in pre-measured quantity. **Aqua Gard** can be applied by ordinary brush.

#### RAW MATERIALS:

**Aqua Gard** powder contains white cement, meticulously selected grades of quartz-based extenders, waterproofing agents, polymeric bonding agents. **Aqua Gard** liquid contains acrylic polymer, preservatives and defoamers.

#### WHERE TO USE:

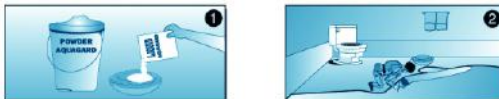
**Aqua Gard** can be used in Bath Rooms, Top Floor Ceiling, swimming pools and water tanks. It is ideal for box type waterproofing. It can also be applied on external surface since it provides excellent resistance to carbonation attacks.

#### HOW TO USE:

**(A) SURFACE PREPARATION:** The surface should be free from oil, grease, dust, debris or any foreign particles. It should be cleaned mechanically using a brush, sand blasting etc. and finally the loose particles must be cleaned by pressure water jetting or with an air blower. Surface cracks more than 1mm should be sealed with Super Fill crack filler.



**(B) APPLICATION:** **Aqua Gard** is supplied in pre-measured ratio 3.4 parts of powder to 1.1 part of liquid by weight. Pour the liquid in a bucket or vessel. Add the powder gradually under continuous stirring till you get a brushable consistency. Apply the first coat of **Aqua Gard** mix prepared as described above, by brush over the prepared surface. Allow it to dry for 4-6 hours. The second coat should be applied at right angle to the completely dried first coat. **Aqua Gard** coating should be cured for four days.



#### 5 ADVANTAGES:

- **Aqua Gard** is cement and polymer based so it is eco-friendly and non-flammable.
- **Aqua Gard** is flexible and hence deflections in surface do not affect the coating.
- **Aqua Gard** can be applied to water tanks too since it is non-hazardous.
- **Aqua Gard** is a do-it-yourself product. It does not require skilled labour.
- **Aqua Gard** is not affected by carbonation attacks.

**COVERAGE:**

1 kg. of **Aqua Gard** mix, i.e. in the ratio of 3.4 part powder and 1.1 part liquid will cover approximately 5-6 sq.ft. per two coats.

**PACKING:**

1 kg box, 4.5 kg & 9 kg kg buckets.

**STORAGE:**

Keep **Aqua Gard** in a cool, dry place. Protect the material from direct sunlight.

**SHELF LIFE:**

For best results, use within one year from the date of manufacturing.

**PRECAUTIONS:**

Clean the tools with portable water before the material sets.

**TECHNICAL PARAMETER:**

Physical Appearance:	Free flowing white powder & milky white liquid.
Pot Life:	45 min @ 27°C
Mixed density (brushable consistency):	1.70 g/cc
Initial Set:	1 hours
Final Set:	5 to 6 hours
hard dry :	24 hours
Bond Strength:	> 1.0 N / mm <sup>2</sup>
Application temp.:	Not less than 10°C
Toxicity:	Non-toxic.

**IMPORTANT NOTE:** As parameter, such as temperature, humidity and water addition change from site to site, the above instructions should be taken only as general guidelines. Performance of product depends on strict adherence to Aquaproof guidelines. Aquaproof will not be responsible for failure due to improper usage/application. The coverage/yield is given for guidance only and actual field trials are recommended to ascertain the exact coverage/yield.



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**DISTRIBUTOR/DEALER**

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