



## AQUABOND 2K (WATER PROOFING COMPONENT)

Date/Revised: 27-11-2019

### Product Description:

**AQUABOND 2K** is an acrylic cementitious, polymer modified elastomeric, waterproofing & protective coating composed of best quality Portland cement, properly selected & graded aggregates, additives & acrylic emulsion polymer as a binder. It is applied to waterproof and protect concrete and masonry substrates. It is a two pack cementitious water proofing system which acts as a good water resistant barrier. This unique formulation provides excellent resistance to both positive and negative pressures.

### Areas of Application:

- ❖ **AQUABOND 2K** can be applied to new or old concrete substrates that are structurally sound.
- ❖ It Can be used waterproof coating for bathrooms, kitchen sinks, balconies, chhajjas, canopies, Exterior and interior of buildings, water tanks, sloped roofs, terraces , Cellars, swimming Pools etc.

### APPLICATION:

#### Surface Preparation

- ❖ The surface of application must be thoroughly prepared by mechanical means, to remove all loose particles, laitance, etc.
- ❖ Oil and grease, if any, must be de-greased with suitable solvents. It then must be washed off with jet of water and brought to touch dry state. Any surface undulations, cracks and crevices must be duly filled or repaired with cement sand mortar mixed with latex polymers.

#### Application

- ❖ The liquid is poured into a plastic or metal container. To this, an equal volume of clean fresh water is added, for free movement of Brush 10 % water to be added (i.e 3lt's for 20kg pack) the powder to be added gradually to the liquid avoiding lump formation Mix and use.
- ❖ On wet surface apply with brush or roller. Keep stirring the mixed material to avoid setting. Keep on stirring during application
- ❖ The surface of application must be pre-wetted thoroughly with water & brought to a touch dry state.
- ❖ Take up the first coat application with a stiff nylon brush.
- ❖ Work well into the substrate, to ensure that all small undulations are completely filled with the coating.
- ❖ 6 to 8 hrs. After completion of first coat, take up second coat application in a direction perpendicular to the first.



- ❖ Complete the application and leave to air cure for 2 days
- ❖ In new bathrooms, typically, AQUABOND 2K must be applied all over the sunken slab portion and upwards over the masonry walls up to a height of 6-7 feet, i.e. over the splash zone of shower, etc. to ensure complete waterproofing.

### Advantages:

- ❖ **Aquabond 2k** provides an aesthetically pleasing surface finish Protects concrete and prevent water leakage, Safe for potable water. Gives excellent waterproofing & UV resistance. can with stand expansion
- ❖ Elastomeric – elastomeric flexible coating that accommodate cracks up to 2 mm with an elasticity of 40-50%
- ❖ Low water permeability – excellent resistance to ingress of water
- ❖ Adhesion – excellent adhesion to concrete and masonry surfaces
- ❖ Eco-friendly – Non-toxic with low VOC content

### Packaging:

- ❖ 20 kg

### Shelf Life:

- ❖ Shelf life is 12 months from the date of manufacturing.
- ❖ Store in shed, protecting from direct sunlight and away from extreme temperature.

### Coverage:

- ❖ Approximately 0.92 – 1.06Sq.mts / kg.

### Technical Data:

S.NO	PROPERTIES	Results
1	Nature and type	2 component (1 part polymer & 2 part powder)
2	Wet density of the mix	1.65 – 1.75 gm/ml
3	pH of the mix	10.0 – 12.0
4	Pot life of the mix @300C in minutes	40 minimum
5	Elongation at break at DFT of 1 mm	40% minimum
6	Water permeability	Excellent – 0 leakage observed after 24 hrs.

### Precautions & Limitations

- ❖ Do not part mix. Mix the entire quantity of both the components at one go.
- ❖ Do not dilute.
- ❖ Always add powder to liquid to avoid lump formation.



### Health & Safety Precautions

- ❖ Micro mix is non-toxic. It is advisable to wear goggles when spraying. Use under well ventilated conditions.
- ❖ Inhalation of the spray should similarly be avoided.
- ❖ Avoid skin contact. It shall be washed with clean water and a skin conditioning cream shall be applied.

### Other Product Categories available with VBOND as below

- Premium Tile Adhesives
- Epoxy Grouts & Unsanded Grouts
- Micro Concrete and Repair Product
- Industrial/Precision Grout and Anchors
- Water Proofing and Injection Grouting Material
- VB-Ready Plaster
- Block Jointing Mortar
- Floor Screeds
- Epoxy Flooring
- Self-level Epoxy Flooring

### Technical Services

- ❖ Technical assistance information is available by calling the VBOND Technical Service at +91 **96664 96664** or mail us at **vcare@valuebond.in**

### Address:

**VALUE PACK INDIA PRIVATE LIMITED**  
(AN ISO 9001-2015 CERTIFIED COMPANY)

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**Factory:** Sy. No. 210 & 211, Near A.P. Met  
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Customer Care

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