



## **ANCHORBOND** (INDUSTRIAL GROUT)

Date/Revised: 27-11-2019

### **Product Description:**

**ANCHORBOND** is a two component specially formulated polyester resin-based fast setting, high strength, and corrosion resistant grout suitable for anchoring of bolts & bars into concrete, masonry, rock and metal surfaces.

### **Areas of Application:**

- ❖ AnchorBond is ideal for high speed, high strength anchoring, holding down bolts for machinery, crane rails, railway tracks connected to concrete sleepers etc.
- ❖ AnchorBond can be used for rock bed anchors and fixing of marine equipment since it can be used for underwater operations.
- ❖ AnchorBond facilitates permanent installation of starter bars, base plates, tower anchors, foundation bolts etc.
- ❖ AnchorBond aids in protecting anchored bolts/rods in wet conditions, as in underwater.

### **Applicaton:**

- ❖ **Hole Preparation:** Optimum performance of AnchorBond requires rough coarse surface, dust free holes, in order to achieve proper anchoring. Use of rotary percussive drills with air or water flushing is recommended.
- ❖ In case of holes drilled on parallel sides, these should be rough enough to provide sufficient key position for anchorage.
- ❖ **Bar Preparation:** All bars or bolts should be de-greased and rust flakes are to be removed and surface should be roughened before use.
- ❖ Mixing of component A&B should be carried out mechanically until uniform consistency is achieved.
- ❖ Grout has to be placed within the gel time which is dependent on the temperature.
- ❖ Do not add any other substances other than component A & component B.

### **Advantages:**

- ❖ Rapid setting and strength achievement
- ❖ No expansion, no shrinkage
- ❖ Resistant to corrosion
- ❖ Resistant to vibration
- ❖ Shorter depth and smaller holes- Reduced drilling costs

### **Packaging:**



- ❖ 1 & 4 kg bag

### Shelf Life:

- ❖ **ANCHORBOND** has a shelf life of 12 months when kept in a dry warehouse at between +5 to +25°C.

### Coverage:

- ❖ 1KG coverage 0.5 ltr in 0.0005m<sup>3</sup>
- ❖ Yield and coverage may vary slightly depending on the ambient weather and site conditions.

### Technical Data:

S.NO	PROPERTIES	Results
1	Specific Gravity	2.00
2	Pot Life(min)	20
3	Compressive Strength (N/mm <sup>2</sup> )	112
4	Adhesion to concrete	>tensile strength of concrete

### Precautions & Limitations:

- ❖ Load calculations should always be undertaken by a qualified engineer.
- ❖ When embedding into hollow masonry it is normally necessary to use hollow block sleeves.
- ❖ Consult separate method statement.
- ❖ For applications into natural or decorative stone staining may occur.
- ❖ Check suitability before use.

### 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
- ❖ Floor Screeds
- ❖ Block Jointing Mortar
- ❖ 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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**VBOND**<sup>®</sup>