



## CURE BOND WB

(Water-based concrete curing product)

### Product Description:

CUREBOND WB is a white, low viscosity wax emulsion which incorporates a special alkali reactive emulsion braking system. This system ensures that the emulsion breaks down to form a non-penetrating continuous film immediately upon contact with a cementitious surface. This impervious film prevents excessive water evaporation which in turn permits more efficient cement hydration, thus reducing shrinkage and increasing durability.

Once formed, the membrane will remain on the concrete surface until eventually broken down and eroded by natural weathering. Where it is required to apply a further treatment to such a concrete surface, it may be necessary to remove the membrane remaining after curing by wire brushing or other mechanical means.

### Areas of Application:

- ❖ Reservoirs
- ❖ Tanks
- ❖ Silos
- ❖ Water treatment works
- ❖ Breweries
- ❖ Dairies
- ❖ Food processing plants etc.

### Advantages:

For spraying on freshly cast concrete, or newly exposed concrete surfaces after removal of formwork, to form a temporary membrane which will retain sufficient moisture for effective curing to take place. Used for concreting generally but especially useful for large areas of concrete such as pavements, runways and bridge decks; also for vertical or sloping surfaces as on towers, chimneys, canal linings, columns and beams, where water curing is difficult.

- ❖ **Single application** – Forms moisture barrier for the whole of the curing period.
- ❖ **No other curing necessary** – Eliminates the use of water hessian or sand completely.
- ❖ **Reliable** – No risk of erratic or poor curing and ensure that cement hydrates efficiently.
- ❖ **Ensure hard-wearing surface** – Minimizes risk of drying shrinkage, crack and dusty surface.
- ❖ **Easy and safe spray application** – Non-toxic and non-flammable.



## APPLICATION:

- ❖ **Exposed concrete slabs:** CUREBOND WB should be spray applied on to the newly placed concrete slab as soon as possible after it is free from visible surface water, e.g. typically 1 to 2 hours after placing. Not for application in a crack in structural members, expansion joints & separation gaps.
- ❖ **Shuttered and precast concrete:** CUREBOND WB curing agent should be spray applied to all surfaces as soon as formwork has been removed or the element demoulded. For application below 10C drying time will be delayed.
- ❖ In all cases, the nozzle of the spray should be held approximately 450mm from the concrete surface and should be passed back and forth to ensure complete and even coverage. The pump pressure should be maintained at a level to produce a fine spray ensuring complete coverage of the surface.
- ❖ Rate of application depends on requirements.

## Packaging:

- ❖ 210 Lts.

## Colors:

- ❖ **Bulk liquid** - White

## Shelf Life:

- ❖ Shelf life is 6 months from the date of manufacturing when stored at temperatures between 50C and 350C.
- ❖ Store in the shed, protecting from direct sunlight and away from extreme temperature.

## Coverage:

- ❖ Yield and coverage may vary slightly depending on the ambient weather and site conditions.

## Technical Data:

S.NO	PROPERTIES	Results
1	Weight solids	32%
2	Specific gravity at 20°C	1.00
3	Drying time	2-3 hours
4	Color (wet)	white
5	Color (dry)	white
6	Efficiency	93%
7	viscosity	Brookfield #2, 60 RPM at 25°C.
8	Minimum application temperature	5°C



### Health & Safety Precautions

- ❖ CUREBOND WB 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.
- ❖ If CUREBOND WB comes into contact with eyes it shall be washed with clean water. If irritation persists, immediate medical attention shall be sought.
- ❖ If the compound is swallowed, vomiting should not be induced but medical assistance shall be obtained immediately.
- ❖ CUREBOND WB is water-based and non-flammable.

### 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
- ❖ 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  
IDA Bollaram, Sangareddy, Telangana-502  
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**Customer Care**

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