

TECHNICAL DATA SHEET



V-CON BRUSH COAT

V-CON Brush Coat is an elastomeric flexible; two component polymer modified cementitious coating system that requires only on-site mixing, forming ideal waterproof coating on concrete, masonry, and most other construction material.

APPLICATION AREA:

- As a waterproof lining for water retaining structures
- As a waterproof coating for roofs, terraces, water tanks and basement
- To provide foundation protection
- For coating seawater channels
- Sealing and coating the bar holes to ensure water tightness
- As a backing to marble and granite to prevent water ingress and thus eliminates surface staining

ADVANTAGES:

- Protects concrete against water penetration, chloride and carbonation and sulphate ions
- Non-corrosive to steel or iron
- Approved for potable water contact
- Flexible enough to bridge hairline cracks
- High resistance to the effect of long-term weathering
- Durable in all climatic conditions including UV attack
- Excellent bond to concrete and masonry
- Durable and economical
- Easily brush applied

APPLICATION METHOD:

● WATER PROOFING

- For waterproofing of existing slab, the mother concrete slab must be stripped of its old treatment completely. Mechanical methods must be adopted to prepare the surface and vacuum suck to clean off all loose particles and debris
- Mother slab must be sound/mechanically surface prepared/grouted for internal cracks
- Surface cracks must be suitably treated with Polymer Modified Mortar (PMM)
- Slab must be thoroughly wetted with water to a state where it is saturated. But, extra care must be taken to see that there is no stagnant or standing water. Any such water must be mopped off. Ensure a Saturated Surface Dry (SSD condition), where the slab is thoroughly wet but dry to touch before further treatment
- V-CON Brush Coat is supplied in premeasured units and should be mixed on site utilizing clean containers
- Slowly add the powder to the liquid and mix, using slow speed drill fitted with a suitable paddle
- Leave the mixed material to stand for 5 minutes to allow for full saturation to take place
- Remix to restore the consistency. Do not mix more material than can be used in half an hour
- Brush or broom the mix firmly onto the conditioned surface. Care must be taken not to spread the material too thin. When the material begins to drag or ball, do not add more liquid/water but saturate the surface again

- Allow at least overnight to cure before applying subsequent coats. Brush or broom the mix onto right angle to first coat
- Prepare suitable mechanical key for better adhesion of screed
- **CURING**
- Under hot or excessive drying conditions fog-spray after the initial set has taken place for use as long as practicable
- In cold, humid or unventilated areas it may be necessary to leave the application for a longer time curing period or to introduce forced air movement
- Never use de-humidifiers during curing periods

TECHNICAL SPECIFICATIONS AS PER ISO 9001: 2015

Pot life	:	30 minutes
Mixing ratio	:	2 parts powder : 1 part liquid
Colour	:	Light grey
Application temperature	:	25° C - 35° C
Adhesion to concrete	:	Better than concrete's internal bond
Recoatible	:	Yes

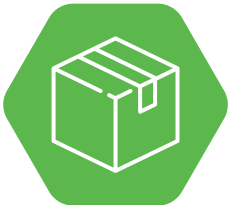
SAFETY PRECAUTIONS:

V-CON Brush Coat is non-toxic but it is alkaline in nature. Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought. V-CON Brush Coat components are non-flammable.



PRODUCT FEATURE:

The coverage rate for each layer will be strongly influenced by the roughness of the substrate. The approx. coverage at even consistency (1 mm thickness) is as: 1 kg. mix material shall cover 5-7.5 sq.ft. in 2 coats



PACKAGING:

15 kg containers



SHELF LIFE:

6 months in unopened packs, if stored as per V-CON guidelines



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