

Technical Data Sheet

HiCrete Super Blue

Product Description:

HiCrete Super Blue is a cement surface conditioner and pre-treatment of cement surface for various coatings like paints, waterproofing treatments, floorings, screeds and plaster renders. It functions to clean the loose dirt, sand, laitance and lime remains from cement surfaces like plaster and concrete. The unique action mechanism, based on the latest Nano-technology of HICRETE SUPER BLUE removes these deleterious surface contaminants and keeps them from sticking to the substrate after removal. A wash by plenty of water easily carries these bond-breaker substances away and a clean cement surface with good 'keying' properties is obtained for subsequent plasters, paints or coatings.

Action Mechanism:

HiCrete Super Blue first attacks the laitance and un-reacted lime on the cement surface and chemically removes them. Secondly, it keeps all these removed substances in a 'floating' state. The 'floating' substances can be easily washed away by a water wash. The result is a clean surface with open micro-capillary structure. Also, the removal leaves micro-roughness on the surface. Further, a passive surface, without excess alkalinity and acid city as required for various coatings like paints, waterproofing treatments and plasters is obtained.

Benefits:

- No hacking of concrete surface is required.*
- Excellent adhesion of subsequent treatment to the treated surface.*
- No chemically bonded impurities remain on the treated surface, like those in an acid wash, which reduce the bond between the substrate and later treatment.*
- Excellent micro-keying surface is available which promotes better adhesion for subsequent treatments.*
- No physically bonded dirt particles, which harm the bond of subsequent coats and contamination of subsequent coating/render Untreated Surface Treated Surfaces.*

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Applications:

- Concrete slabs before laying coba or other waterproofing treatment
- Concrete columns and beams before plastering
- Concrete purdis, walls and chhajjas before plastering
- Plastered surfaces before painting/waterproof coating
- Concrete floors before Epoxy, PU or other type of finishing
- RCC water tank walls and floor before plaster/waterproof treatment
- Basement concrete/plastered walls before plastering/waterproofing treatment
- Toilet sunk slabs before waterproofing/plastering/coba
- Bathroom plastered walls before tile fitting
- RCC staircase before plastering
- Concrete roof slab ceiling before plastering
- Any RCC/Plastered surface before painting/plastering

Properties:

- Appearance: Clear yellow-greenish liquid
- PH: Acidic Sp.
- Gravity: 1.00 0.05
- Compatibility: With all cement types like OPC, PPC
- Base: Water based polymer dispersion

Application Procedure:

Clean the surface to be treated mechanically, by wire brushing, chiseling, rubbing etc. Wash the surface with plenty of water to SSD (Saturated Surface Dry) condition. No shiny wetness must be there and only damp surface should be visible. Spray or brush HICRETE SUPER BLUE using a regular 1 ltr or 0.5 ltr spray bottle or a 4 inch hard bristle brush on all the pre-wetted surface. Let HICRETE SUPER BLUE action take place and stabilize. Wait for about 10-15 minutes. If required, brush with a hard bristle brush or broom to loosen the dirt. Wash all treated surface with plenty of water to remove the loosened dirt, sand particles, laitance and lime traces. Now, the treated surface is ready for receiving any type of paint, waterproof coating / membrane and plastering treatment. For paint application, ensure that the surface is completely dry before application.



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Caution:

- *Wear protective gloves and goggles to protect from skin contact and eye splashes. Keep always in tightly sealed container, away from direct sunlight and children.*
- *Avoid splashes on metallic, marble, natural stone and granite surfaces by protecting them using plastic covers or tapes.*
- *For application in congested areas like OH water tanks, ensure good ventilation artificially, or use nose masks during application and come out till the process is complete.*
- *In case of accidental ingestion, contact a physician immediately. For skin or eye splashes, wash immediately with plenty of water and seek medical attention.*

Limited Warranty:

This product is warranted to be of uniform quality within manufacturing tolerances. Since no control is exercised over its use, no warranty expressed or implied, is made as to the effect of such use. Seller's and Manufacturer's obligation under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective.

