

Technical Data Sheet

HiCrete Stamped Overlay Mix (Part A+B)

Product Description:

HiCrete Stamped Overlay is a two component, high performance blend of high quality Portland cement, Silica Sand and Iron Oxide Pigments (Part A) and Liquid Copolymer (Part B). It is designed for maximum Strength, flexibility, adhesion, abrasion resistance, and freeze/thaw resistance. By having all of the necessary ingredients pre-blended in a controlled environment, proper ratios of Co-Polymer to cement, and cement to pigments is consistent, which promotes product consistency, color consistency, and because of the unusual characteristics of this formulation, it may be used for many different applications.

Basic Uses:

HiCrete Stamp Mix is widely used to resurface and restore existing concrete surfaces. The HiCrete Overlay System provides an attractive decorative appearance to irregular, worn and damaged concrete as well as new concrete surfaces.

Used For:

Stamped Overlays / Industrial / Residential / Commercial / Interiors / Exteriors

Mix Ratio:

In a clean 20 Ltr bucket measure 4.5 to 5 Ltrs of clean water and add 1.7 Ltr Liquid co-polymers. Also add color pack at this time. Using a drill with a mixing wand, slowly add the dry Stamp Mix (Part A-25 Kg) to the water as you are running the mixing wand. Once you have added all the material, continue to mix thoroughly for 2 minutes to a plastic consistency with no lumps. Smaller portions use the enough water to mix to a plastic consistency.

Coverage:

Covers 25 to 30 Sq Ft. per Bag



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Advantages:

- Superior Adhesion
- Abrasion Resistant
- Weather / Stain Resistant
- Maximum Flexibility
- Extended Set Time
- UV Stable
- May be Chemically Stained
- From Featheredge to several inches in thickness
- Colors will not fade
- Enhances job productivity and reduces job-site errors

Benefits:

- Non-shrink for maximum adhesion and durability
- Resistant to freeze thaw and automotive vehicular traffic
- Thermal expansion similar to concrete
- Enhance property value, cost effective
- Works on vertical as well as horizontal surfaces
- One component: just add water and sand
- Available in 27 standard colors.
- Moisture insensitive after curing
- Easy to trowel, broom, squeegee or spray apply to achieve desired finish

Technical Data:-

Compressive Strength : 32.3 N/mm² (28 Days Air Cure)

Tensile Strength : 2.85 N/mm² (28 Days Air Cure)

Flexural Strength: 8.6 N/mm² (28 Days Air Cure)



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Abrasion Resistance(% Weight Loss) :

1.35 mm (28 Days Air Cure)

Pull Of Adhesion Strength:

1.10 N/mm² (28 Days Air Cure)

Thermal Compatibility

5 Cycles No Delaminating - Scaling 25 Cycle, None

*Testing Result from an Independent Laboratory*the information contained herein is based on data believed to be reliable, but to Hicrete Decorative Systems Pvt. Ltd. makes no warranties expressed or implied as to its accuracy and assumes no liability arising out of its use by other.*

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.

