

BASIC-CRETE TOP COAT

DESCRIPTION

BASIC-CRETE TOP COAT is a 3 part polyurethane coating for use with Basic Polymers™ toppings.

BENEFITS

- Contains Polygiene®, an antimicrobial additive based on silver ion technology
- Very High chemical resistance
- Easy to clean and sterilize anti-slip surface, minimal joints
- Heat resistant up to 200°F
- Non tainting, non dusting
- High abrasion resistant
- Withstands high mechanical stress
- Low odor during application
- Positive slip resistance

COLORS

BASIC-CRETE TOP COAT is available in Mustard, Dark Green, Ochre, Cream, Mid Gray, and Red.

TYPICAL USES

To coat polyurethane floors to give a slip resistance profile, while retaining chemical resistance and durability.

SURFACE PREPARATION

Screed, less than 48 hours old, shall be thoroughly washed using a scrubber and mild detergent. The floor must be completely dried before applying the BASIC-CRETE TOP COAT. The BASIC-CRETE TOP COAT, greater than 48 hours old, must be mechanically prepared by grinding or blasting.

MIXING

Pack of components are pre-weighed for optimum performance. Never split or proportion packs. Do not mix by hand. Stir Base A to re-disperse any settlement. Transfer into mixing vessel and add all of the Hardener B. Mix with a variable speed industrial drill and helical spinner head for 1 minute. Add Filler C to the mixed components mix for a further 2 minutes. Slow speed initially, followed by a higher speed to break down any lumps of filler.

APPLICATION METHOD/SPREAD RATE

BASIC-CRETE TOP COAT is trowel applied at 1/4 to 3/8 inch thickness. The resin and hardener should be added to a forced circulation pail mixer and pre-blended for approximately 30 seconds. Gradually add aggregate until homogenous mix is attained. (Approximately 1 minute) Trowel, level and lightly roll with a 3/8-inch nap roller to eliminate trowel marks and to bring the resin to the surface. For maximum slip resistance in wet areas, broadcast #24 aluminum oxide or Q-Rock #3 into the wet resin.

STORAGE CONDITIONS

Refer to BASIC-CRETE manual.

APPLICATION

First Coat

Immediately after mixing, apply to the prepared surface at approximately 125 square feet per unit using a squeegee and roller. Due to the limited pot life of the BASIC-CRETE TOP COAT (10 minutes @ 50 °F, dependent on temperature), apply to the edge work at the same time as the main area in order to maintain a wet edge. If a non slip finish is required immediately scatter the wet surface to refusal using 30's mesh silica aggregate, decorative quartz or aluminum oxide. Allow to cure overnight.

"Warranties: Seller warrants that its goods, as described on the face hereof, are free from any defects in material or workmanship. Seller makes no other warranty, express or implied, and all implied warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Seller shall not be liable for prospective profits or special indirect or consequential damages. Seller's sole liability and buyer's exclusive remedy for breach of any warranty as expressly limited, at seller's option, to replacement at the original F.O.B. point or refund of purchase price. Seller shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended and in accordance with instruction provided for use of product. Any claim for breach of warranty shall be deemed waived unless buyer shall give seller written notice of such claim within sixty (60) days after delivery and shall allow seller reasonable opportunity to investigate claim and inspect product."

Microbial / Fungal Resistance

The materials antimicrobial additive incorporated into BASIC-CRETE TOP COAT provides control of most bacteria and fungi which come into contact with the floor.

Staphylococcus Aureus	✓
Ecoli	✓
Salmonella Choleraesuis	✓
Listeria Welshimen	✓
CONTACT	INHIBITION
100%	

A.A.T.C.C. Test Method 147- 1993:
The inclusion of Polygiene® within the screed matrix of the Industrial floor system ensures the permanency of this biocidal Additive even in the event of excessive surface wear. Polygiene® is effective following ingestion by living bacteria, whereupon metabolic activity within the organism is

RATE OF CURE

Atrophy of the organism follows, when subsequent decay allows light traffic of the Polygiene® additive resulting in full cure of the floor surface

50°F	68 °F	86 °F
72 hrs	48 hrs	24 hrs
10 days	7 days	5 days

Cure

Substrate Requirements

Concrete or screed substrate should have a minimum of 3,625 psi compressive strength, free from laitance, dust and

Primer

Under certain conditions, out-gassing of the concrete may cause surface defects in the finished BASIC-CRETE TOP COAT and priming of the concrete surface may be

Life Expectancy

7-10 years., dependent on thickness and subject to correct maintenance regime.

Basic Crete Mortar is not color fast and may change color over time (exhibits a yellowing effect). Color change depends on the UV light and heat levels present and hence the rate of change cannot be predicted. This is more noticeable in light colors and blues but does not compromise the product's flexibility or chemical resistance characteristics. We have endeavored to adopt colors within our standard range which minimize this change.

Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning.

Environmental and health

Important Note - Warranty

Basic Polymers™ products are guaranteed against defective materials and manufacture and are sold subject to its

