

## BASIC-CRETE SLURRY

### DESCRIPTION

BASIC-CRETE SLURRY is heavy duty, chemical resistant antimicrobial treated polyurethane resin floor topping. BASIC-CRETE SLURRY provides a durable and attractive smooth matte finish.

### 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
- Steam cleanable surface
- Non tainting, non dusting
- High abrasion resistant
- Withstands high mechanical stress
- Good alternative to expensive acid resistant tiles
- Low odor during application
- Positive slip resistance
- Ease of application, rake or trowel

### COLORS

BASIC-CRETE SLURRY is available in Ochre, Cream, Dark Green, Mid Grey- Standard, Blue, Red- Standard.

### TYPICAL USES

BASIC CRETE SLURRY is an ideal floor for dry processing areas such as food and powder packaging.

### SURFACE PREPARATION

Concrete or screed should be a minimum of 3625 p.s.i. free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission. If no vapor barrier is present, a good concrete sealer can be incorporated directly beneath the Basic Crete System.

### APPLICATION METHOD/SPREAD RATE

BASIC-CRETE SLURRY 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.

### RATE OF CURE

TEMP	50°F	68 °F	86 °F
Light Traffic	36 hrs	24 hrs	12 hrs
Full Traffic	72 hrs	48 hrs	24 hrs
Full Chemical Cure	10 days	7 days	5 days

### Primer

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

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."

### Technical Information

The figures that follow are typical properties achieved in laboratory tests at 70 ° F and at 50% humidity.

Compressive Strength (ASTM C 579)	> 7250
Tensile Strength (ASTM C 307)	1,740 psi
Coefficient of Thermal Expansion	2.2 x 10 <sup>5</sup> in/in/ ° F
Impact Resistance deterioration at	No visible damage or minimum 160 in-lb
Flexural Strength	2,900 psi
Modulus of elasticity (ASTM C 469)	1.7 x 10 <sup>5</sup>
Water absorption	0.1%
Abrasion Resistance (ASTM D 4060)	0.07 g loss CS-17 Wheel, 1,000 cycles
Adhesion (ASTM D 4541)	400 psi 100% concrete failure
Coefficient of friction recommendations	Passes ADA (ASTM D 2047)
Chemical Resistance <a href="http://www.basicpolymers.com">www.basicpolymers.com</a>	Go to
sugars and and inorganic)	Excellent resistance to most acids (organic

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### **Microbial / Fungal Resistance**

The materials antimicrobial additive incorporated into BASIC-CRETE SLURRY provides control of most bacteria and fungi

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

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 arrested.

Atrophy of the organism follows, when subsequent decay allows

re-release of the Polygiene® additive, so ensuring replenished

activity at the floor surface.

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.

#### **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

### **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 standard Terms and Conditions of Sale, copies of which can be obtained on