

## Basic – Crete Slurry

### DESCRIPTION

BASIC-CRETE SLURRY is a 100% solids, aromatic, cementitious urethane system blended with graded silica and fine fillers applied at 3/16" to 1/4" to produce a self-leveling matte finish of uniform color.

### BENEFITS

- Low Odor
- Co-Efficient of Thermal Expansion Similar to Concrete
- Superior Adhesion
- Superior Chemical Resistance
- Easy Maintenance
- Thermal Shock Resistant
- Tolerates Dampness
- No Topcoat Required
- Meets USDA, FDA and OSHA standards

### COLORS

BASIC-CRETE SLURRY is available in Concrete Grey, Grey and Red.

### TYPICAL USES

BASIC-CRETE SLURRY is designed to protect concrete, polymer reinforced screeds, or water resistant plywood from chemical attack, corrosion impact and thermal shock. Repeated exposure to hot oil or steam does not cause pitting, cracking or crazing.

Chemical Processing	Bottling Areas
Foods Processing	Sanitize / Wash Areas
Cook / Chill Areas	Plant Vehicle Aisles
Pharmaceutical	Mfg /Production Areas
Bakeries	Warehouses
Cage Wash Areas	Animal Care Areas

### SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be profiled, clean, dry, oil free and sound. Please refer to the master "**Surface Preparation Guide**" for more information.

### APPLICATION METHOD /SPREAD RATES

BASIC-CRETE SLURRY should be applied to a pre-primed area at the required thickness by using a steel-bladed trowel or pin rake. Spiked rolling should be carried out within 3 minutes of application in order to avoid interfering with film gel time.

### LIMITATIONS

Do not apply at a temperature below 50°F (10°C) or above 85°F (29°C). BASIC-CRETE SLURRY can be slippery when wet. Do not apply to un-reinforced sand cement screeds, asphalt or bitumen substrates, glazed tile or nonporous brick and tile, magnesite, copper, aluminum, polyesters or elastomeric membranes.

### STORAGE CONDITIONS

BASIC-CRETE SLURRY must be stored dry. Exposure of the aggregate to moisture for an extended period will cause lumps. Do not allow resins to freeze. The shelf life is 6 months from the ship date in the original unopened containers.

### PACKAGING

BASIC-CRETE SLURRY is available in pre-measured kits that cover 32 square feet at 3/16".

### CHEMICAL RESISTANCE

BASIC-CRETE SLURRY has excellent resistance to organic and inorganic acids, alkalis, fuel and hydraulic oils, aromatic and aliphatic solvents. Some acids may discolor or bleach the surface.

### GUIDE SPECIFICATIONS

This product is part of the BASIC POLYMERS family of polymer systems. Please contact BASIC POLYMERS for complete three part guide specs.

### MOISTURE CONCERNS

Moisture vapor transmission in the slab should be measured prior to application of polymeric systems to ensure a long lasting, durable installation. Please refer to the master "**Moisture Guidelines**" for more information.

## **BASIC-CRETE SLURRY**

### **TECHNICAL INFORMATION**

Cure Time @ 70° F		
Light Traffic		10 hours
Light wheel traffic		16 hours
Full Service		3 - 5 days
Heavy Duty Traffic		48 hours
Initial Film Gel Time (joining up)		14 minutes (a) 70°F
Color		Grey. Concrete Grey. Red and Cream
Mix Ratio ( by volume)		3 Component Kit
Pot Life -1 gallon @77°F		14 minutes
Adhesion to Concrete		> 400 psi. concrete fails before loss of bond
Service Temperature		-100 F to 220 F (live steam)
Toxicity		Sensitized individuals do not install or inhale vapor
<b>Physical Property</b>	<b>Test Method</b>	<b>Result</b>
Hardness (Shore D)	ASTM D-2240	75-80
Compressive Strength	ASTMC-579	9,000 psi
Tensile Strength	ASTMD-638	2175 psi
Impact Resistance @ 125 mils	MILD-3134	Pass
Flexural Strength	ASTMD-790	5,076.3 psi
Abrasion Resistance CS17 Wheel 1000 GM Load 1000 Cycles	ASTM D-4060	24 mg loss
Coefficient of Friction Standard Slip-Resistant	ASTMD-2047	.71 - Dry .63 - Wet

### **DRAWINGS AND DETAILS**

Standard CAD drawings and details are available for coves, drains, breaches, transitions, etc. Please refer to the master "**Drawings and Details**" guide for actual drawings.

### **CLEANING**

Regular scrubbing will maintain these systems in serviceable condition as long as contamination is not allowed to build. However, certain textures and service environments require specific procedures. Please refer to the master "**Cleaning Guide**" for more information.

### **CAUTION**

Workers should wear protective clothing consisting of splash-proof goggles, impermeable gloves and where exposure limits are exceeded, organic vapor respirators should be used. Adequate cross ventilation should be provided. **Any worker with sensitivity to isocyanides should not be exposed to this product. Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed. KEEP OUT OF REACH OF CHILDREN.**

*Before using any Basic Polymers product, be sure the Material Safety Data Sheet is read and understood.*