

# PROKRETE™ CM

## TECHNICAL DATA SHEET



### DESCRIPTION

ProKrete CM is a low odor, 3-component, urethane concrete mortar used for cove base applications in place of regular epoxy-based materials. This trowel-applied mortar provides an excellent base material, and is especially well suited for all food and beverage environments where damp or high moisture levels in the substrate are typically present.

### TYPICAL USES

- ◆ All Food & Beverage Processing
- ◆ Pharmaceutical Plants
- ◆ Commercial Kitchens
- ◆ Hot/Cold Wash Areas
- ◆ Chemical Processing
- ◆ Chilling/Refrigeration Areas

### APPEARANCE

Natural – (Use ProColor CU or ProColor Universal Colorants, if pigment required.)

### COLORS

ProColor CU pigment is available in Red, Dark Grey and Medium Grey. For other colors use ProColor Universal Colorants.

### FEATURES & BENEFITS

- ◆ Low Odor, Zero VOCs
- ◆ Excellent Thermal Shock Resistance
- ◆ Meets USDA, FDA, & CFIA Standards
- ◆ Can Be Applied at Lower Temperature (use ProKrete Catalyst for Temperatures Below 45°F or when a Fast-Track Installation is Required)
- ◆ Can Be Applied to 5 Day Old Concrete
- ◆ On-Site Pigmenting if Required

### PACKAGING

Pre-measured kits: 1 unit of PART A Resin, 1 unit of PART B Hardener, and 1 bag PART C Blended Aggregate bags.

PART A – 3 lbs

PART B – 3 lbs

PART C – 2X 32 lbs

### STORAGE

Materials should be stored indoors between 65°F (18°C) and 90°F (32°C). DO NOT ALLOW TO FREEZE.

### SHELF LIFE

- ◆ Unopened containers - 1 year from date of manufacture.
- ◆ Cement based aggregates should be stored in a dry environment for maximum shelf life.

### LIMITATIONS

This product is best suited for application in temperatures between 50°F and 90°F, but can be applied as low as 36°F by adding ProKrete Catalyst.

### SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be mechanically profiled (ASTM 4259-83), clean, sound, and dry.

### COVERAGE RATES

A kit of ProKrete CM will yield approximately 0.28 cu ft. per unit at 1/8" in thickness. It will also cover approximately 14 s.f. at 1/4" and 50 s.f. at 1/16" in thickness.

### MIXING INSTRUCTIONS

Add Resin (A) & Hardener (B) to a mixing vessel, mix with slow speed drill if mixing in mortar mixer or allow to mix in "Ted Baugh" type mixer for approximate 30-45 seconds. Slowly add 1 bag of Aggregate Filler (C) mixing for another 60 seconds and ensuring a homogeneous mix is attained. Apply mortar immediately- spreading the material over the primed surface. The material should be applied "wet on wet" for best results using a screed bar and/or trowels.

### APPLICATION EQUIPMENT

- ◆ Personal Protective Equipment (PPE) & Clothing per SDS (Safety Data Sheet)
- ◆ Mortar Mixer or Rotary Pail Mixer Similar to "Ted Baugh" Type
- ◆ Clean Mixing Container
- ◆ Low Speed Drill (Pre-mix of Liquids)
- ◆ Trowels (Steel Patching, Margin, and/or Cove)
- ◆ Screed Bar

### DISPOSAL

Dispose in accordance with federal, state and local regulations.

### TECHNICAL SUPPORT

For any application questions, please call ProREZ technical support at 877.511.3456.

### SDS

PLEASE SEE SAFETY DATA SHEET (SDS) FOR SAFETY AND PRECAUTIONS. USE PRODUCT AS DIRECTED. **KEEP OUT OF THE REACH OF CHILDREN.**

### PHYSICAL CHARACTERISTICS

Solids Content	100%
Viscosity at 70°F	Not Applicable
Pot life at 70°F	20 minutes
Cure Time, Tack-Free at 70°F	6 hours
Working Time at 70°F	20 minutes
Volatile Organic Compound	(VOC) nil

PHYSICAL PROPERTY	TEST METHOD	RESULTS
Compressive Strength	ASTM C-579	7200 psi
Tensile Strength	ASTM C-307	1000 psi
Flexural Strength	ASTM C-580	1600 psi

**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.