

**FOR RUBBING, SMOOTHING,  
RESTORATION, RESURFACING,  
REPAIRING**

# PAVECRETE®

## **\*DUAL BONDING ACTION**

**Positive mechanical bond plus  
chemical bond ensures adhesion**

## **\*EASY TO USE**

**Extra rich for smooth, easy troweling  
Holds moisture while spreading or rubbing**

### **PRODUCT DESCRIPTION**

**PAVECRETE** is a portland cement based product with graded silica aggregates and special chemical additives for bonding, hardening and moisture retention. It is formulated for smoothing, rubbing and thin coat patching applications. **PAVECRETE** has a smooth, rich texture making it simple and easy to apply. After curing, it is not water sensitive, it has the setting and curing properties of regular concrete. Use of **PAVECRETE** can help your project earn LEED Credits. Contact factory for details.

### **PRODUCT APPLICATIONS**

- Brighten and restore old concrete structures.
- Rub concrete columns and structures.
- Repair voids, honeycombs, holes, chipped areas in poured or precast concrete.
- Fill cracks and holes in concrete, masonry, plaster, stucco, sheetrock and wood.
- Use **PAVECRETE** to repair concrete, facings, walls, ceilings, beams and bridge abutments.
- Use Pure **PAVECRETE** for smooth applications up to 1/8" thickness.
- Use Sand Mix **PAVECRETE** for coarser texture finish and applications up to 1/4".
- Use White **PAVECRETE** for a white finish or with integral color or stain for brighter colors.

### **COVERAGE**

One (1) 40 lb. bag of **PAVECRETE** will cover approximately 40 sq. ft. at 1/8" thickness.

### **PRODUCT FEATURES**

- Feathered edges to paper thin.
- Color controlled to blend with concrete.
- Add only water.
- Cures like regular concrete.
- Not a gypsum product.
- Low shrinkage.
- Water resistant.
- Extra rich for easy installation.
- Holds moisture while spreading or rubbing.
- LEED Credits Applicable.

### **PRODUCT SPECIFICATIONS**

- **MATERIAL:** Portland cement based product with special chemical additives.
- **CONSISTENCY:** Mix to stiff trowelable consistency like soft putty.
- **WORKING TIME:** Approximately 15 minutes.
- **COMPRESSIVE STRENGTH (ASTM C-109, Moist Cured)**

7 Days	28 Days
3285 PSI	3915 PSI

Tests performed on Sand Mix **PAVECRETE**. The strength of Pure **PAVECRETE** is approximately 10% less.

### **PACKAGING**

**PAVECRETE** is packaged in 40 lb. moisture resistant bags, 30 lb. cartons in moisture resistant plastic bags and 5 lb. boxes with 12 per carton. There are seventy (70) 40 lb. bags per pallet and sixty (60) 30 lb. cartons per pallet.

## SURFACE PREPARATION

All surfaces must be clean and structurally sound; free of dust, grease, oil, paint, sealers, cures, form release agents, etc. Pores of the concrete surface must be open to permit proper bonding, especially on fresh "green" concrete." Any necessary surface preparation may be done by sandblasting, waterblasting, scarifying or acid etching. If acid etch is used, the surface must be neutralized and brushed thoroughly. In hot, arid or windy weather, dampen surface first and apply **PAVECRETE** while surface is damp only, not wet.

## MIXING INSTRUCTIONS

Add **PAVECRETE** to water, using only enough water to make a stiff mixture like soft, creamy putty. **PAVECRETE** may be mixed by hand or with a paddle mixer and a low speed drill. Be careful not to trap air in **PAVECRETE**. Water required is typically 1-1/4 to 1-1/2 gallons per 40 lb. bag. Use of excessive water will reduce strength, cause crazing and may cause dusting under rapid drying conditions. For surfaces which are slick due to forming with steel or fiberglass forms or to get a harder and tougher surface, replace one-half of mixing water with **PATCHCRETE #1003 Acrylic Polymer** or one-third of mixing water with **ACRYLIC-BOND**. This will also aid in curing **PAVECRETE** during rapid drying conditions

## BEHAVIOR OF PAVECRETE

**PAVECRETE** holds its own moisture and does not dry out as it is spread. The best temperature for application is around 70°F. **PAVECRETE** cures harder in time from moisture in air. It is not water sensitive after complete curing. **PAVECRETE** is designed for thin finish coats, for featheredging, honeycombs, etc. Apply test samples under job conditions to be sure you get the results your job requires. Paint and other coatings may be applied to **PAVECRETE** just as over concrete. Normal concrete pigments may be added to **PAVECRETE** to match desired color.

**CONTAINS PORTLAND CEMENT.** Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush with plenty of water for at least 15 minutes. Consult a physician immediately. Keep out of reach of children.

**CONTAINS SILICA SAND AND FREE SILICA.** Do not breathe dust. Avoid inhalation by wearing respirator. Continuous exposure and inhalation may cause silicosis and crystalline silica is classified as a known human carcinogen.

## APPLICATION - WALLS

**PAVECRETE** is normally applied to walls with a sponge float or trowel in a smooth uniform coat. All deep areas to be repaired must be brought up to within 1/8" of finish, using **PATCHCRETE**. Then use **PAVECRETE** to fill in smaller low areas and holes. Next apply a thin finish coat of **PAVECRETE** over entire surface involved. Press on finish coat and work in with sponge float or trowel. Apply second coat, if needed, while first coat is still damp. Apply in a continuous operation for more uniform shade. Avoid applying in direct sun on hot day.

## CURING

Mist spray with water once or twice the day of application, again next day and several times thereafter. In rapid drying conditions when mist spraying is not used, moisture can be pulled out before **PAVECRETE** can complete hydration and hardening. Normally **PAVECRETE** will give a smooth surface that does not require sanding. If **PAVECRETE** is applied under rapid drying conditions, sanding and removing the hard surface may leave a softer layer of **PAVECRETE**. Usually water misted on the surface will cause it to complete hydration. If not an application of **PATCHCRETE #1003 Acrylic Polymer** or **ACRYLIC-BOND**, will harden the surface. Protect from rain or excess wetting for 24 hours.

## PRECAUTIONS

- DO NOT USE WHEN SUBSTRATE OR AIR BELOW 40°F.
- **PAVECRETE** should be cured before being subjected to freezing.
- DO NOT use PVA bonding agents with **PAVECRETE**. Contact the factory before using other bonding agents with **PAVECRETE**.
- Never retemper **PAVECRETE**.
- DO NOT USE calcium chloride with **PAVECRETE**.

### LIMITED WARRANTY

Lyons Manufacturing, Inc. warrants the high quality of its products. However, because of many factors beyond our control in their use, such as job conditions, workmanship, etc., the liability of all parties making and selling this product is expressly limited to the refund of the purchase price or replacement of the Lyons material used. Lyons Manufacturing, Inc. will replace any product proven to have a manufacturing defect, FOB Factory, provided Lyons Manufacturing, Inc. is notified of such defect within one (1) year from the date of shipment from the factory. This warranty is in lieu of all other warranties, express or implied. Lyons Manufacturing, Inc. makes no warranty of suitability of its products for any particular application and sells its products upon the condition that customer shall conduct their own test to determine the suitability of the product for their purposes. Under no circumstances will Lyons Manufacturing, Inc. be liable for economic, special, incidental or consequential damages or losses of any kind.

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