

**RUBBING & SKIM COAT  
SELF-DRYING  
INSTALL FLOORING IN 1-2 HOURS**

# FINISHCRETE®

**USE INSIDE OR OUTSIDE  
USE AS A WEARING SURFACE  
USE FOR VERTICAL & HORIZONTAL SURFACES**

## PRODUCT DESCRIPTION

**FINISHCRETE** is a single component, polymer modified portland cement-based material designed to give a smooth finish to concrete, wood and other surfaces. It is a scientifically formulated blend of cements, dry polymers, very fine aggregates and special additives. **FINISHCRETE** is self-drying through an internal chemical reaction which uses the water not needed for cement hydration.

**FINISHCRETE** gives a smooth, finished surface suitable for quick application of coatings or floor coverings or use as a finished wearing surface. Simply mix **FINISHCRETE** with water and you get a rich, creamy mixture ready to be applied with a trowel. It may be used as a quick turnaround underlayment or finished wearing surface, inside or outside and vertical or horizontal.

## PRODUCT APPLICATIONS

**FINISHCRETE** is used to rub, smooth, finish and dress concrete removing small voids, bugholes, form marks, honeycomb and surface imperfections, both as a finished surface and prior to application of coatings, paint and stains. It is also used as a quick turnaround, fine finish underlayment on concrete, wood and other surfaces prior to installation of vinyl tile, wood, carpet, coatings, etc. Because of its self-drying feature, floor coverings and coatings may be applied 1 to 2 hours after installation of **FINISHCRETE**.

**FINISHCRETE** is also used as a finished wearing surface (minimum 1/8" depth) and is suitable for light foot traffic. Concrete colors may be used with **FINISHCRETE** and stains may be placed over it. Always seal **FINISHCRETE** with a good, high solids acrylic sealer when used as a finished surface. Basically any coating, paint or stain which is normally used on concrete can be used on **FINISHCRETE**, observing the same precautions.

## PRODUCT FEATURES

- Light gray concrete color
- Self-drying through an internal chemical reaction
- Use for vertical or horizontal surfaces
- Use inside or outside
- Use as a fine finish underlayment
- Use as a finished wearing surface for light foot traffic
- Install coatings or floor coverings after 1 to 2 hours
- Rich and buttery for easy application
- No primer or latex ever needed
- Contains no gypsum

## PRODUCT TEST RESULTS

WORKING TIME:            Approximately 20 to 25 minutes

COLOR:                      Light Gray

COMPRESSIVE STRENGTH (ASTM C-109, Air Cured)

3 Days	7 Days	28 Days
2480 PSI	3020 PSI	3575 PSI

FLEXURAL STRENGTH (ASTM C-348, Air Cured)

28 Days - 1000 PSI

TENSILE BOND TEST

28 Days - 175 PSI

## PACKAGING

**FINISHCRETE** is packaged in 40 lb. bags (70 per pallet) and 20 lb. bags (100 per pallet).

## SURFACE PREPARATION

All surfaces must be clean and structurally sound; free of dust, grease, oil, paint, sealers, etc. Surface laitance must be removed. Any necessary surface preparation should be done by mechanical abrasion such as shotblasting, sandblasting or scarifying. Abrade non-porous surfaces to obtain a proper profile for good bonding. Pressure wash or vacuum to remove all dust and dampen the concrete.

## MIXING INSTRUCTIONS

**FINISHCRETE** may be mixed by hand or mechanical means. Use a power drill with a paddle type mixer for best blending. Add the material to water while mixing. The material will be stiff initially, but more liquid as you mix. Mix 2 to 3 minutes. The material is designed to be applied when it reaches a thick creamy, batter-like consistency. **FINISHCRETE** may be remixed to provide workability and extend pot life, but not retempered.

Water usage of **FINISHCRETE** is approximately 4 fl. oz. per lb. or 1-1/4 gallons per 40 lbs.

**NOTE:** Hot weather will accelerate set time and cold weather will slow it. For a quicker set, use hot water and for a slower set, use cold water.

## INSTALLATION

At the time of application, the surface should be saturated surface dry (SSD) with no standing water. Trowel **FINISHCRETE** onto the substrate, scrubbing or forcing material into all pores and voids. Trowel to a smooth finish. Use **FINISHCRETE** from featheredge up to 1/4" thickness. Do not bridge cracks with **FINISHCRETE**. They will "telegraph" through. Fill cracks prior to applying **FINISHCRETE**. Expansion joints should be extended through **FINISHCRETE**. Floor coverings, coatings and

sealers may be applied 1 to 2 hours after installation of **FINISHCRETE** (See Precautions). In rapid drying conditions, cure in accordance with ACI recommended practice. Curing compounds may be used.

## WEARING SURFACE INSTRUCTIONS

**FINISHCRETE** is suitable for light foot traffic applications as a wearing surface, typically non-commercial applications. As a wearing surface, apply at least 1/8" thickness. Always seal surface with a high solids acrylic sealer when used as a wearing surface. It may be opened for foot traffic as soon as it has dried, about 3 to 4 hours, depending on weather and application thickness.

## PRECAUTIONS

**DO NOT OVERWATER.** **FINISHCRETE** is designed to be applied at a thick buttery, putty consistency. Do not use below 45°F. Do not retemper nor add water after mixing. Always make a trial installation to be sure you get desired results before proceeding on the job.

When used as an underlayment, always follow the directions and restrictions of the floor covering manufacturers. Pay special attention to moisture content, pH levels and perform required tests.

**NOTE:** Test areas should be used in all cases to be sure the product is suitable for the specific application at hand, including adhesives and floor coverings to insure compatibility.

## COVERAGE

One 40 lb. bag of **FINISHCRETE** will cover approximately 60 sq. ft. at 1/8" thickness. At a thin skim coat application, one 20 lb. bag will cover 450 sq. ft. A 40 lb. bag contains about .64 cu. ft.

### 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 six (6) months 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 products 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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