

FEATHER AND PATCH SKIMCRETE® XL



DIVISION

Division 3: Concrete
Concrete Maintenance
03 100 00

PACKAGING

- 45 lb (20.4 kg) pail plastic with handle (gross)
- 25 lb (11.3 kg) bag kraft paper, double wall bag

SUITABLE SUBSTRATES

- Use to smooth or cover cracks, joints, or other imperfections in concrete, wood, or adhesive residue

LEED

SKIMCRETE® XL may contribute to LEED certification of projects as follows:

Indoor Environmental
Quality
EQ 4.2
Low Emitting Materials
VOC content 0g/l
(calculated)

Materials & Resources
MR 4.1-4.2
Recycled Content 0%
MR 5.1
Regional Manufactured
Material
Cleveland, OH
MR 5.2
Regional Materials 45%

SKIMCRETE® XL is a fast drying, polymer modified, cementitious patch. It is fast drying yet it has an extra long pot life, extending your working time, not delaying your finish. SKIMCRETE XL is easy to work with on virtually any interior surface.

Features

- Long working time
- Superior workability
- Quick uniform drying time, regardless of thickness
- Low alkalinity, adhesive friendly
- No additives or primers required
- Creamy, grit-free application
- Feather edge to 1" thick
- No dusting or cracking

Properties

Working Time	Approximately 15 minutes
Set Time	30 minutes
Covering Time	Approximately 30-75 minutes depending on temperature
Compressive Strength	4000 psi (28 MPa)
Coverage (25 lb Bag)	Feather Edge: 120 sq. ft. 1/4": 15 sq. ft. 1": 3.5 sq. ft.
Thickness	Feather edge to 1" (25 mm) NEAT
Mix Ratio	4 qt water to 25 lb bag 8 qt water to 50 lb bag
Application Conditions	Interior above 50°F
Color	Gray

All specifications were tested in laboratory conditions: 70°F in a controlled environment using our approved water content. Changing the temperature, or mixing ratios, or the environment can effect these specifications. Call Technical Services if you have any questions.

PREPARATION AND APPLICATION FOR PROFESSIONAL USE ONLY

Reference the floor covering and adhesive manufacturers documentation to verify suitability of SKIMCRETE® XL as a subfloor for the flooring system (any adhesive used for concrete is generally suitable for SKIMCRETE® XL). Follow the directions of the flooring and adhesive manufacturer to determine the maximum allowable moisture content (RH) or transmission of the substrate. If the moisture content (ASTM F-2170) or moisture vapor transmission rate (ASTM F-1869) of the substrate exceeds the requirements of the flooring system, utilize an approved 100% epoxy moisture vapor mitigator prior to installation of the SKIMCRETE® XL.

Honor all moving joints. Complete crack and substrate repairs prior to installation. Consult an engineer for required joints and crack repairs prior to installation. Contact Technical Services for required surface preparation on installations that will be exposed to high rolling loads or high point loads.

Maintain a minimum of 50°F during the pour and for 72 hours after the pour. Acclimate the material to a minimum of 55°F prior to mixing. To maximize flowability and working time, utilize cool water when temperatures exceed 85°F. If uncertain of suitability or bond, test an inconspicuous area for compatibility and adequate bond prior to proceeding.

Quarry & Ceramic Tile

Ensure waxes or sealers are stripped from the surface of the tiles. Abrade to a dull finish. Remove dust by vacuum. Consider utilizing Primer A™ for additional bond.

LIMITED WARRANTY:

Dependable, LLC warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Dependable, LLC. will correct any such failure by either replacing or repairing any defective goods, at Dependable, LLC's option.

The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.

**24 HOUR EMERGENCY:
CHEMTREC®
1-800-424-9300
NON-TOXIC and
NON-FLAMMABLE**

Keep container closed and keep away from children. May cause slight eye abrasion or irritation if spilled or rubbed in eyes. Flush thoroughly with water.

If taken internally, call a physician. Technical Assistance:
Visit our website: floorprep.com or call 1-800-227-3434.

PREPARATION AND APPLICATION Continued

**Surface Preparation
Concrete Floors**

All concrete must be sound, stable, clean and free of any bond breaking materials (silicates, curing compounds, laitance, dirt). Mechanically remove weak surfaces, and any contaminants to sound concrete. Priming is not required.

Adhesive Residue

Non-soluble adhesives must be scraped to a well bonded residue. Water soluble and pressure sensitive adhesives must be removed mechanically to the substrate. Verify type of adhesive prior to mechanical removal to ensure adhesive containing asbestos is not introduced into the environment. Follow all local, state and federal laws for removal and disposal of adhesive or flooring materials containing asbestos. Test to ensure any existing adhesive will not bleed through to new adhesive, or finished flooring. If substrate (concrete) under adhesive is weak or poorly bonded, remove such areas down to well bonded, sound, clean substrate.

Wood

SKIMCRETE® XL is suitable for skimcoating well bonded (screwed & glued) APA rated, exterior grade wood floors free of deflection. Wood floors are required to be a minimum of ¾", L/360 and comply to local building codes. No primer is required. Do not install over OSB, chipboard, Masonite, or surfaces non APA rated, and/or non-dimensionally stable materials subject to swelling or movement.

Quarry & Ceramic Tile

Ensure waxes or sealers are stripped from the surface of the tiles. Abrade to a dull finish. Remove dust by vacuum. Consider utilizing PRIMER A™ for additional bond.

Gypsum Substrates

Not recommended for use over Gypsum floors. Contact FloorPrep.com for a superior Feather Finishing patch material compatible with Gypsum substrates.

Vinyl Flooring

Not for use as an embossing patch over vinyl flooring.

Mixing

Water: 4 qt water to 25 lb bag, 8 qt water to 50 lb bag.

Alternatively, mix by volume, 2 Parts Powder to 1 Part Water.

Mix Method: ALWAYS utilize a drill and mix until material is thoroughly homogenous and lump free. Overwatering and/or under mixing will result in difficult placement and lower ultimate compressive strengths. Add designated clean, potable water to a clean mixing vessel, add the powder and mix mechanically until homogenous and lump free. Mix no more material than can be placed within 10 minutes. Do not remix with additional water.

Material Application

Utilize a clean trowel to place the material across on the surface of the substrate. No minimum thickness is required. For deeper areas, allow initial coat to reach partial set prior to building layers. Once dry, material may be sanded to remove placement imperfections prior to installation of floorcovering. SKIMCRETE® XL may be applied up to 1" thick NEAT in isolated areas. Deeper placements may extend dry times modestly.

Dry Time Prior to Flooring Installation

SKIMCRETE® XL is self drying, do not wet cure or use curing or sealing compounds. Depth of placement and ambient conditions (temperature and humidity) will impact the dry time of the material. Material is typically dry in 30-45 minutes and ready for light sanding prior to application of flooring, or direct application of flooring.



Flooring Experts since 1951



Published technical data & instructions are subject to change without notice. Please contact Dependable for the most current technical data, safety data & application instructions.

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