

# SKIM COAT & PATCH CEMENT UNDERLAYMENT

- Smooth finish – Featheredge to 1/2" (12 mm) thick
- Install floor coverings in just 60 - 90 minutes
- Use over concrete, wood and most existing floor coverings
- Polymer-modified

## PRODUCT DESCRIPTION

Skim Coat & Patch Cement Underlayment is a fast-setting, polymer-modified cement-based compound that provides a smooth finish on interior and exterior subfloors prior to the installation of a wide variety of floor coverings. Mix with water to patch and level concrete and plywood up to 1/2" (12 mm) thick. When mixed with Patching & Leveling Latex Additive, it forms an ultra high strength system over ceramic tile, stone, terrazzo, vinyl sheet goods, VCT, cutback adhesive or as an embossed vinyl floor leveler. Install floor coverings in just 60 - 90 minutes.

## AREAS OF USE

### Mix with water

- Concrete
- Cement backerboards, RhinoBoard™, WonderBoard®
- Exterior grade plywood

### Mix with Patching & Leveling Latex Additive

- Ceramic tile, pavers, brick
- Stone
- Concrete terrazzo
- Sheet vinyl
- VCT
- Cutback adhesive (non-water soluble)
- When used as an embossed vinyl floor leveler

## USE UNDER THESE FLOOR COVERINGS

- Ceramic tile, pavers, brick
- Stone, terrazzo
- Carpet
- Wood, Parquet
- VCT
- Sheet vinyl flooring
- Laminated flooring

## LIMITATIONS

- Do not use over lightweight concrete, gypsum underlayment, OSB, particle board, hardwood or Parquet floors, metal
- Do not use over cushion backed vinyl flooring
- Do not use when temperature is below 50° F (10° C)

## SURFACE PREPARATION

All surfaces must be structurally sound, clean, dry and free from contaminants that would prevent a good bond. Concrete must be fully cured and not subject to hydrostatic pressure. Concrete surfaces should accept water penetration. Plywood floors should be built to industry standards. Smooth concrete, existing glazed tile, cement terrazzo or polished stone must be roughened or scarified. Sheet vinyl must be well bonded and stripped of old finish.

### Cutback Adhesive Over Concrete Subfloors

Thick accumulations, powdery, brittle or weak adhesive layers must be removed but only with extreme caution. Cutback and other adhesives may contain asbestos fibers. Do not sand or grind adhesive residue, as harmful dust may result. Consult adhesive manufacturer and all applicable government agencies for rules and regulations concerning removal. Resilient Floor Covering Institute recommends using the wet-scraping and wet-sweeping method as outlined in the RFCI pamphlet "Recommended Work Practices for Removal of Resilient Floor Coverings." Never use adhesive removers or solvents, as they weaken or soften the adhesive and may cause it to penetrate into the concrete. The remaining residue should be no thicker than a coat of paint and should be almost transparent. Always install an adequate number of properly located test areas.

## MIXING

Combine 25 lb. (11.34 kg) bag of powder to 1 gallon (3.78 L) of clean water. For applications over cutback adhesive, sheet vinyl, terrazzo, ceramic tile, plywood or to level embossed sheet vinyl substitute Patching & Leveling Latex Additive for water. Slowly add powder to liquid while mixing with a low speed drill (300 RPM or less) and mixing paddle to a lump-free consistency. Mix amounts that can be applied in 10 minutes.



**CUSTOM**<sup>®</sup>  
BUILDING PRODUCTS

## APPLICATION

Dampen all surfaces except for wood. Force material into all cracks and voids up to 1/2" (13 mm) thickness using a broad knife or trowel and finish flush with surface. For skim coating, use a smooth edged trowel to level the surface area. Only spot patching should be done on wood surfaces. If a leveling layer over 5 ft. (1.5 m) in diameter is required, use a LevelQuik® Self-Leveling Underlayment.

## DRYING TIME

60 - 90 minutes. Drying time can vary with temperature and humidity. Test for moisture content before applying vinyl or wood flooring.

## COVERAGE

25 lb. (11.34 kg) bag: 25 - 27 sq. ft. (2.3 - 2.5 m<sup>2</sup>) at 1/8" (3 mm) thickness

## PHYSICAL PROPERTIES

**Packaging:** 25 lb. (11.34 kg) bag

**Storage:** Store in a cool dry area.

## ITEM CODE

LQCSP25

## SAFETY

Contains Portland cement. Wear rubber gloves and eye protection. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes. Consult physician immediately.

KEEP OUT OF REACH OF CHILDREN.

DO NOT TAKE INTERNALLY.

## TECHNICAL DATA

SKIM COAT & PATCH	
Pot Life @ 70° F (21° C)	10 minutes
Initial Set, ASTM C191 @ 70° F (21° C)	20 minutes
Final Set, ASTM C191 @ 70° F (21° C)	35 minutes
Drying time before floor covering installation	60 - 90 minutes
Compressive Strength ASTM C109	
1 day	2300 psi (161.7 kg/cm <sup>2</sup> )
28 days	4600 psi (323.4 kg/cm <sup>2</sup> )
Flexural Strength ASTM C109	
28 days	800 psi (56.3 kg/cm <sup>2</sup> )
Bond Strength	
28 days	400 psi (28 kg/cm <sup>2</sup> )



**CUSTOM**<sup>®</sup>  
BUILDING PRODUCTS