

SKIM COAT & PATCH CEMENT UNDERLAYMENT



Engineered with
CONTROLLED CURVE
TECHNOLOGY™

PRICE

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- **Smooth finish – Featheredge to 1/2" (13 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, 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

General 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.



CUSTOM[®]
BUILDING PRODUCTS

Cutback Adhesive over Concrete:

Adhesive layers must be removed as they reduce mortar bond strength to cement surfaces. Use extreme caution as adhesives may contain asbestos fibers. Do not sand or grind adhesive residue, as harmful dust may result. Never use adhesive removers or solvents, as they soften the adhesive and may cause it to penetrate into the concrete. Adhesive residue must be wet-scraped to the finished surface of the concrete, leaving only the transparent staining from the glue. Do a test bond area first, to determine desirable results. Refer to the RFCI Pamphlet, "Recommended Work Practices for Removal of Resilient Floor Coverings" for further information.

MIXING

Combine a 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.

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® or LevelLite® 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 M²) at 1/8" (3 mm) thickness

STORAGE

Store in a cool dry area.

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.

ORDERING INFORMATION

	ITEM CODE	SIZE	PACKAGE
USA	LQCSP25	25lb. (11.34 kg)	Bag
Canada	CLQCSP25	25lb. (11.34 kg)	Bag

TECHNICAL DATA

	SKIM COAT & PATCH CEMENT UNDERLAYMENT
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 ²)
28 days	4600 psi (323.4 kg/cm ²)
Flexural Strength ASTM C109	
28 days	800 psi (56.3 kg/cm ²)
Bond Strength	
28 days	400 psi (28 kg/cm ²)

LIMITED WARRANTY

Custom Building Products ("Custom") warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom's sole liability under this warranty shall be limited to the replacement of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom's printed instructions. Custom makes no other warranties either express or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.

