



Green-Safe Technology

Polymer modified, rapid setting, trowel applied patching compound used for filling voids and smoothing sub-floors prior to the installation of finished floor coverings

DESCRIPTION:

Skim Finish is a polymer modified, rapid setting, interior patching compound used to fill voids and smooth the surfaces of open concrete and approved wood underlayments prior to the installation of finished floor coverings. Common floor covering can be installed in as little as *1 hour.

When mixed with PolyBond, the 2 - Coat "Poly-Skim System" is expanded to include other properly prepared substrates - Burnished concrete, Cutback & Adhesive residue, cement Terrazzo, Ceramic & Quarry Tile, single layer, fully bonded, VCT and embossed, non-cushioned, residential, sheet vinyl.

PRODUCT FEATURES:

- ▶ Accepts flooring in as little as 1 hour
- ▶ Skim Finish and the Poly-Skim System require no priming
- ▶ Calcium Aluminate based for long term durability
- ▶ Workable for 10 - 15 minutes
- ▶ No dangerous emissions or irritating fumes
- ▶ Compatible with most flooring adhesives
- ▶ Environmentally friendly - contributes points to LEED Certified Projects
- ▶ Will not harbor or support the growth of mold or mildew
- ▶ Excellent coverage

SUBSTRATE PREPARATION:

All surfaces must be clean, sound, dry, 50° F and free of oil, gypsum compounds, wax, grease, sealers, coatings, paint, asphalt, dirt, loose surface material or any contaminate that acts as a bond breaker. Weak concrete surfaces, must be cleaned down to solid sound concrete by mechanical means. Non-Porous substrates need to be abraded to a dull finish. Wooden substrates must be structurally sound, approved exterior underlayment grade min. L/360. If needed they should be prepared by sanding down to clean bare wood. Any loose areas should be secured with deck screws. Never use Acid, Chemical Cleaners or Mastic Removers on any surface to which a CMP product will be applied. Contact CMP technical for application recommendations on any surface not specifically listed on this Data Sheet.

Skim Finish is not a moisture barrier, when (MVER) per ASTM F-1869 or (RH) per ASTM F-2170 exceeds Finished Flooring Manufacture's limits use CMP V-20 Plus or V-25 before applying Skim Finish or any other CMP product. When MVER exceeds 5 lbs. but is below 8 lbs. per ASTM F-1869 and the rate is still within the Finished Flooring Manufacturers guidelines, use the Poly-Skim System.

Adhesive Residue - Skim Finish can be installed over thin (translucent) sound, non-water soluble adhesives that are tack free and well bonded to the substrate. The adhesive (Cutback) needs to be a prepared using the wet scrape method as outlined in the Resilient Floor Covering Institute booklet, "Recommended Work Practices for the Removal of Resilient Floor Coverings". Remove all existing patching materials below the adhesive. If adhesive inter reaction, migration or staining are a concern install an approved CMP self-leveling underlayment. Do not apply over materials containing asbestos.

MIXING:

Mix that amount of Skim Finish that can be placed within 10-15 minutes at 70°F by combining 3 pats powder to 1 part cool liquid. High temperatures and over mixing will shorten working time and cooler temperatures will prolong it. For best results add powder to liquid while mixing to a lump free, creamy consistency. Use a low speed 1/2 inch drill and a CMP mixing wand, do not re-temper or over water. Mix smaller quantities by hand. Dry blend Skim Finish packaged in pails due to possible settlement.

03 54 00

Cementitious Underlayments

3

09 80 00

Floor Finishes

9

Packaging:

25 lb. bag : 100 per pallet

Color:

Grey

Shelf Life:

6 Months

Storage:

Store in cool, dry area at 70°

Water Requirements:

4 quarts per 25 lb. bag
(1 part water to 3 parts powder)

Coverage (Yield):

Up to 140 sq. ft. at 1/32" per 25 lb. bag
Up to 250 sq. ft. at 1/32" per 45 lb. pail

Application Temperature Range:

50° F - 95° F Note: Above 85° F use ACI
Hot-Weather Application Guidelines

Installation Thickness:

Feather edge up to 1/2"
Any thickness in small defined areas

Application Temperature Range:

50° F - 95° F

Set Times: ASTM C-191

Working Time: 20 minutes
Final Set: 30 minutes

Compressive Strength: (ASTM C-109)

5000 psi at 28 days

Accepts Floor Covering:

Standard floor covering such as VCT,
Ceramic Tile and Action back Carpet can
be placed in as little as 60 minutes after
application or when completely dry.

APPLICATION:

Skim Finish should not be used to fill or cover expansion joints.
Follow all procedures in SUBSTRATE PREPERATION: prior to application.

SINGLE COAT APPLICATIONS:

Properly prepared Approved Wood and Standard Open Concrete Substrates

Skim Finish - Mixed with Water up to 1/2 inch max.
Enhanced Skim Finish - Mixed with 3 Parts Water : 1 Part PolyBond up to 1/4 inch max.

Enhanced application will provide increased working time and better performance over very porous or dry substrates. Always apply with sufficient force to fill all voids and ensure a good bond.

POLY- SKIM SYSTEM:

The "Poly-Skim System" is a 2-Coat application for use over the following properly prepared substrates:
Burnished Concrete, Cutback and Adhesive Residue, Cement Terrazzo, Ceramic & Quarry Tile
Single Layer Well Bonded, VCT & Embossed, Non-Cushioned, Full Spread Residential Sheet Vinyl

First Coat - Mix Skim Finish with Undiluted PolyBond and apply from 1/16 - 1/8 inch max.
Allow the first coat to dry completely before applying the second. Be sure to cover the first coat completely with the second.

Second Coat - Mix Skim Finish with 3 Parts Water : 1 Part PolyBond and apply to 1/4 inch max.
Allow the second coat to dry completely before installing the Finished Flooring.

For Embossing Filler applications ensure the first coat completely covers the surface but apply both coats as thin as possible.

APPLICATION NOTES:

1. Cooler temperatures, Higher humidity and Inadequate ventilation can extend drying times.

*The addition of Polybond, temperature, humidity, substrate porosity, thickness and jobsite conditions will effect working and drying times. Additionally, some coverings and adhesives are more moisture sensitive. Ensure the applied underlayment is completely dry before installing the selected floor covering.

Eligible LEED credits : 5

Recycled Content (MR 4.1 & 4.2)
2 Points

Regional Materials (MR 5.1 & 5.2)
2 Points

Low Emitting Materials (EQ 4.1)
1 Point

Qualifying Warranties:

1 Year, 10 Year, Lifetime

Health & Safety:

Please refer to the Material Safety Data Sheet (MSDS) prior to using this product. MSDS sheets are available by calling 215.672.6364 or you can visit www.levelingcements.com

Flammability: (ASTM E84)

Flame Spread: -0-
Fuel Contribution: -0-
Smoke Development: -0-

Clean Up:

Clean with water immediately after use

Manufactured By:

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Phone: 215.672.6364
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