

Dependable, LLC

Repairing Gypsum



Flooring Experts since 1951

Step 1. Choosing the Right Products

Gypsum concrete is prized for its fire retarding and sound deadening properties, and is a frequently encountered substrate in multifamily applications. However, old gypsum installations were often done without adequate quality control and frequently require repair prior to installing new floor coverings. Dependable offers a range of gypsum and hybrid products engineered to repair both old and recent gypsum concrete installations.

When repairing gypsum concrete, Dependable recommends using gypsum-based flooring underlayments. This ensures you are using similar chemistries and you reduce the risk of unwanted chemical reactions, which can cause a failure or delamination.

Products Dependable recommends for use over gypsum include:



Feather and Patch Products

Polyskim®



Self-Leveling Products

Skimflow® LCB
Skimflow® NP

Step 2. Properly Prepare the Floor

Old Existing Gypsum

Best products: Skimflow LCB for leveling, Polyskim for skim coating and patching

Like all substrates gypsum concrete should be prepared prior to installing underlayments. Dependable recommends the following procedure:

- A) Vacuum the floor, ensuring you remove any loose material and contaminants.
- B) Check the floor for porosity and prime the floor prior to installing your underlayment. Use Dependable's **Primer A**, diluted to achieve penetration into the floor. Typically a dilution ratio of 3-1 is enough to achieve penetration into the floor, but highly porous floors may require higher dilution ratios. Consult our latest technical data sheets for details.
- C) Perform a tape test onto the floor to determine bond of the primer to the floor. Given the primer stays well bonded to the floor, move forward with application of the patch or SLU. If the primer peels off the floor on the tape, call Dependable technical services.

New Gypsum that needs additional prep to remove a rolling or uneven surface

Best products: **Skimflow NP** for leveling, **Polyskim** for skim coating

- A) Clean the floor and remove any loose contaminants.
- B) Prime the floor with **Primer A**, diluted at a ratio to maintain 15 minutes wet on the surface. An additional application of Primer may be required to ensure the surface is adequately primed.
- C) Once the primer is dry, verify bond with the tape test. Given the primer stays well bonded to the floor, move forward with application of the patch or SLU. If the primer peels off the floor on the tape, call Dependable technical services.

Cracked Gypsum Over Sound Mats

Occasionally a flooring installer may encounter cracked gypsum concrete over sound mats. These installations can cause greater issues due to the nature of gypsum over sound mats. In this scenario, Dependable recommends using our **Consolcrete** epoxy repair screed. Follow our technical data sheet found at www.floorprep.com for further details on Consolcrete.



Polyskim

Premium Gypsum Based Skimcoat

Polyskim is a premium gypsum based skimcoat designed for use over gypsum concrete, wood, and other surfaces. Polyskim is a one component system, reducing installation time.



Skimflow LCB

Fiber Reinforced Self-Leveling Underlayment

Skimflow LCB (Liquid Cement Board) is a fiber reinforced product designed specifically for use over wood.



Skimflow NP

Premium Hybrid Gypsum Self-Leveling Underlayment

A No Prep, hybrid cement self-leveling underlayment designed for time sensitive projects.



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