



DEPENDABLE®

FEATHERCRETE®

CEMENT BASED FINISHING UNDERLAYMENT

FEATHERCRETE is an ultra fine textured, latex modified cement based patch. FEATHERCRETE may be used to skim or fill most substrates without priming or the use of additives. FEATHERCRETE is creamy and smooth spreading to provide a superior finish for the installation of most any floor covering, including sheet vinyl.

FEATURES AND BENEFITS

- Covers virtually any surface—including ceramic tile
- Thinnest applications—finest finish.
- Best coverage per pound—
10 lb. bag covers up to 33 sq. ft. @ 1/8" thickness
- 20 minute pot life
- Easy mixing 2 to 1 ratio—just add water
- Fast drying—install finished flooring in as little as 15 minutes
- Compatible with most adhesives and flooring systems.

THE DEPENDABLE DIFFERENCE

- Higher strength
- More economical
- Superior bond.

Where to use....

Use FEATHERCRETE to smooth cracks, joints or other imperfections in concrete, wood, vinyl, adhesive residue, ceramic tile and metal.

(For further usage and limitation information see reverse side.)

USGBC LEED credit information



AREA	CREDIT	CATEGORY	HOW
Indoor Environmental Quality	EQ 4.2	Low Emitting Materials	Zero VOC
Materials and Resources	MR 4.1-4.2	Recycled Content	21%
	MR 5.1	Regional Manufactured Material	Rocky River, OH
	MR 5.2	Regional Materials	26%



PHYSICAL CHARACTERISTICS

Working time: 18-22 minutes

Initial set time: 19 minutes

Final set time: 40 minutes

Compressive Strength: 3,200 psi.

Flexural Strength: 1,100 psi.

Coverage: 10 lb. bag covers
Over concrete: 100-150 square feet (skim)
Over plywood: 200-250 square feet (skim)
Up to 33 sq. ft. at 1/8" thickness (skim)

Thickness: particle thin to 1/2" per layer.

Mix Ratio: 2:1 powder to water or 2.5 quarts water to one 10 lb. bag.

Application conditions: 50°F minimum

Color: dark gray

Admixture: Cool clean water
(or Acrylic Embossing Additive)

VOC Content: zero

Recycled Content: 21%

PACKAGING

10 lb. bag

PREPARATION AND APPLICATION

All supporting surfaces shall be structurally sound, solid, free of movement and well bonded. Ensure underlying surface is free of excess moisture and clean of any contaminants such as dirt, wax, oil, paint, curing compounds, sealers, solvent, oil products or any gypsum materials or foreign matter that may interfere with a proper bond. When a proper bond is questionable, perform a test patch in an inconspicuous area. DO NOT PROCEED if dissatisfied with bond and contact DEPENDABLE's Technical Services.

Concrete Floors

Remove all foreign matter by mechanical means. Floor must be free of efflorescence and excess moisture. To check moisture test with a calcium chloride test (ASTM F1869-09) or the Relative humidity RH (insitu probe) test (ASTM F2170-09) to meet the requirements of the final finished floor. To correct moisture problems, including lack of proper under slab vapor barrier, see DEPENDABLE's CUTDOWN II or VAPORSEAL DB.

Wood Floors

Ensure wood floors are free of movement and excessive moisture. Fasten any loose boards. Stripwood floors should be covered with underlayment grade quality board.

Underlayment Board Joints

To avoid "peaking," do not butt sheets tightly. Leave a space the thickness of a matchbook cover (approx. 1/32") between sheets. The installer may wish to seal the joints, hammer-indent and other "raw" spots with an appropriate brush coat of DEPENDABLE Latex. This will keep the moisture in FEATHERCRETE or the adhesive from being drawn into the board, to cause swelling and/or delamination.

Vinyl Floors

Existing resilient floors shall be single layer, fully adhered and well bonded. Thoroughly clean all foreign matter such as dirt, grease, oil, wax or any other contaminates which may inhibit bond. While floor is wet, use a cleaning pad and remove any remaining wax or dirt, while scuffing the surface. Rinse thoroughly with clean water and allow to dry. New wear layers being sold can be difficult to bond to. While some wear layers may be bonded to with just a thorough cleaning, others may require abrading and/or priming the surface with DEPENDABLE ACRYLIC EMBOSSING ADDITIVE. ACRYLIC EMBOSSING ADDITIVE must be added to the powdered product to increase bonding characteristics. The installer is advised to always perform a test patch area over resilient goods to assure acceptable bond.

Adhesive Residue

Using mechanical means, remove loose, brittle or thick/heavy accumulations to a well-bonded residue. Sweep or vacuum area. If adhesive interaction and migration is a concern, prime residue with DEPENDABLE ACRYLIC EMBOSSING ADDITIVE and allow to become nearly dry and tacky. Mix the Acrylic Embossing Additive full strength with the powder. Caution: Cutback adhesive may contain asbestos. Contact state or local authorities for proper removal and disposal procedures.

Metal Floors

Remove any rust or contaminants. Wash and allow to dry completely. Prime metal and mix FEATHERCRETE with DEPENDABLE ACRYLIC EMBOSSING ADDITIVE. Allow to nearly dry and become tacky.

Existing Ceramic Tile, Quarry Tile, etc. (Not Vinyl- VCT & VAT)

Must be well bonded. The surface must be clean and free of waxes and contaminants that might inhibit bonding. For best bond, prime with Acrylic Embossing Additive. Once primed, allow AEA to nearly dry and become tacky before covering with FEATHERCRETE

MIXING

After preparing the surface, use a clean mixing container. Add approximately 2 parts FEATHERCRETE to 1 part cool clean water. Mix thoroughly to a lump-free trowelable consistency. **To assure bonding over resilient (vinyl), adhesive residue, ceramic or metal floors or when a primer is required, mix ACRYLIC EMBOSSING ADDITIVE in place of water.** Mixture will remain workable for 20 minutes. Do not mix more than you can place within 20 minutes. Do not attempt to extend pot life by later adding water. Avoid floor mixing. Always use clean containers and mixing implements, as leftover residue can accelerate set and/or reduce pot life of new mix. Mechanical mixing is recommended.

APPLICATION

Using a smooth flat trowel, force FEATHERCRETE into joints, cracks holes and deeper fills bearing down on the trowel. Smooth the surface to a thin covering over the prepared substrate. Build any thicker fills or transitions to 1/2" thick. Deeper fills may be achieved with multiple lifts. Always allow prior lift to dry completely. When dry, sand or scrape smooth for a perfect finish.

Vinyl Floors— Mix to a lump free trowelable mix. Apply using a flat smooth steel trowel drawing material across the pattern to be filled at angles to the pattern to ensure an even and complete fill. Material should remain workable for 20 minutes. **Allow to dry completely, at least two (2) hours before covering.**

Metal Floors—Apply FEATHERCRETE over the prepared surface. To assure no chemical reaction and a good bond, performing a test patch is recommended. If dissatisfied with bond, contact DEPENDABLE Technical Assistance

COVERAGE:

Coverage rate varies depending upon the substrate and installation conditions. Field installation on concrete floor routinely covers 33 square feet @ 1/8" thickness.

LIMITATIONS

Do not use...

- Where hydrostatic pressure (water) exists or moisture emissions exceed level permitted for installing floorcovering.
- Where surface or ambient temperature falls to or below 50°F within 72 hours of installation
- Over presswood, particle board, masonite, chipboard, OSB, single layer stripwood floors, underlayment board not of APA Underlayment (exterior) grade or similar dimensionally unstable materials susceptible to movement or swelling.
- Deeper than 1/2" in a single layer
- Over gypsum based patches or underlayment material without priming, due to chemical reaction.

WARNING

CAUSES SKIN IRRITATION. INJURIOUS TO EYES

Contains portland cement and silica. Do not breathe dust. Dust can cause delayed lung injury (Silicosis). Use in a well ventilated area or wear a properly fitted NIOSH/MSHA approved respirator. Avoid eye contact. In case of eye contact, flush with water a minimum of 15 minutes. Consult a physician immediately. Avoid prolonged contact with skin. Wash thoroughly after handling.

GUARANTEE

Manufacturer guarantees its product to be free of defects and the extent of its warranty is limited to the purchase price of its product only if proved defective when used as directed. There are no other warranties or guarantees, express or implied, and no salesman, agent, distributor or dealer has authority to extend, alter or waive these provisions.

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 at www.floorprep.com or call 1-800-227-3434



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