

1. PRODUCT NAME

Feather Flex

2. MANUFACTURER

PROFLEX® Products, Inc.
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3. PRODUCT DESCRIPTION

PROFLEX® FEATHER FLEX Skim Coat is a high performance, one component product for leveling and smoothing concrete, ceramic and quarry tile, terrazzo, wood, and water insoluble cut-back adhesive prior to the installation of finished flooring like VCT, continuous vinyl flooring, or other standard flooring products. This Portland cement based product mixes easily with water to produce a skim coat that is exceptionally easy to apply, does not require priming, and cures sufficiently for flooring installation in as little as 30 minutes, depending on thickness and drying conditions.

Uses

Used for fast patching and skim coating. Used to fill in dents, depressions and seams of substrates where a feather edge finish is required.

Advantages

- Delivers a true featheredge.
- No priming necessary.
- Easy mixing - mix with water.
- Effortless application.
- Long working time, 15 - 20 minutes
- Fast curing - flooring installed in as little as 30 minutes, foot traffic in 3 - 5 hours.
- High bond and compressive strength.

Coverage

Over Concrete: 100 - 150 sq. ft.

Over Plywood: 200 - 250 sq. ft.

Packaging

10 lb. bag, 200 bags per pallet.

Limitations

For interior applications ONLY. Do not apply over metal, pressed board, or water-sensitive materials. Do not use below 50°F. Do not use in areas subject to standing water or continuous moisture exposure. Insure that the finished subfloor meets all flooring and adhesive manufacturer's specifications.

4. TECHNICAL DATA

Typical Performance Properties

Working Time at 70°F: 15 - 20 minutes

Final Set at 70°F: 30 - 50 minutes

5. INSTALLATION

Surface Preparation

All surfaces must be completely cured, clean, and free of any loose or friable material. All bond-inhibiting materials such as paint, oil, curing compounds, waxes, sealers, gypsum or any other material that may inhibit bonding shall be removed by shot blasting or other mechanical means. Cut-back or residual adhesive should be removed to a minimum using the techniques recommended by the Resilient Floor Covering Institute. Feather Flex can be used over residual water insoluble adhesive and cut-back that does not contain ingredients that could mitigate and cause bond failure. The moisture content of the finish surface shall comply with adhesive and floor covering manufacturer's recommendations. **Wood** surfaces must be free of any bond-inhibiting materials such as wax, oil, paint, etc. **Cement Terrazzo, Ceramic tile:** all waxes, sealers, and any bond inhibiting materials must be removed prior to applying Feather Flex. *Installation instructions continue on page 2.*

Mixing

The recommended mixing ratio is one part water: two parts powder by volume. This is equivalent to 2.5 quarts of water for an entire bag of 10 pounds of dry product. Mix-water temperature will significantly alter working time and therefore ambient temperature is recommended. Do not mix more material that can be used in 15 to 30 minutes. Slight adjustment of water content to optimize troweling is acceptable, however, caution is advised because over-watering will reduce product strength and increase drying time. Add water to a suitable container and add the powder while mixing by hand or mechanical means to obtain a lump-free consistency. When hand mixing, stir vigorously to achieve a creamy, lump-free consistency in seconds. Drill mix at low speed, continually moving the paddle through the material.

Application

Apply Feather Flex immediately after mixing with a steel trowel using sufficient pressure to fill defects and voids, create a smooth, flat surface and feather-edge the product to the sub floor. The product can be built up to 1/2" to fill deeper depressions, contained areas, and transitions. All control and expansion joints must be carried through. Do not bridge them as they may crack later. All flooring adhesives that adhere to concrete will bond to Feather Flex. Working time is 15 to 20 minutes and may be extended by re-mixing. Do not add additional water as that will weaken the product and extend drying time.

Clean-up: Clean tools with water after use.

6. AVAILABILITY

PROFLEX® Products are available nationwide.
To locate PROFLEX® products in your area, please contact:
Phone: 877-577-6353
Website: www.proflex.us

7. WARRANTY

PROFLEX® Products, Inc. offers a limited warranty for this product when used in accordance with printed specifications. A copy of the limited warranty can be obtained by calling technical services at 877-577-6353 or visiting www.proflex.us

8. MAINTENANCE

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. TECHNICAL SERVICES

Technical assistance
Information is available by calling the Technical Support
Toll Free: 877-577-6353
Fax: 863-937-9624
Technical and safety literature: To acquire technical and safety literature, please visit our website www.proflex.us

10. FILING SYSTEM

Division 9