

# FEATHER-EDGE

**A FAST-SETTING, CEMENT-BASED PATCHING COMPOUND USED TO SMOOTH INTERIOR SURFACES BEFORE APPLYING FLOOR COVERINGS**

**FEATHER-EDGE** is a fast-setting, polymer-modified, cement-based, patching compound which provides a smooth, true feather-edge finish (when applied by trowel) over a variety of interior substrates prior to the installation of floor coverings such as ceramic tile, VCT, sheet vinyl and carpeting.

## **USES and ADVANTAGES**

- Provides a smooth finish prior to floor covering installation.
- May be applied from a true feather-edge up to 1/2".
- Can be used over concrete, wood, terrazzo, ceramic and quarry tile.
- For interior use only.
- Exceptional bond strength.
- Mixes easily with just water.
- Mold and mildew resistant.

## **SURFACE PREPARATION**

Must be sound and clean. Remove all dirt, dust, spalling or loose concrete, oil, grease, wax, mildew, efflorescence, curing compounds, form release agents, paint or any other foreign material which might effect the bond. A dry removal method such as sand/shot blasting, scarifying or a similar procedure will ensure a proper surface preparation. Overwatered, frozen or otherwise weak concrete surfaces must also be cleaned down to sound, solid concrete by mechanical methods. Acid etching, adhesive removers, solvents and sweeping compounds are not acceptable means of cleaning the substrate. The use of sanding equipment is not an effective method for removing curing and sealing compounds. Substrates must be dry for a successful installation.

**Always perform a spot test (of sufficient size) prior to application in order to ensure compatibility between Feather-Edge and the substrate as well as to confirm that the appearance and performance are acceptable.**

## **MIXING**

Every 10 pounds of Feather-Edge requires 1-1/2 quarts of clean water. Place the clean water in a container then slowly add the powder and mix to a smooth, trowelable, lump-free consistency. The use of a drill mixer is recommended. If mixing by hand, mix vigorously for 2 to 3 minutes. Just prior to application, the mixture should be stirred again. The pot life is approximately 10 minutes. If surface skinning occurs within this time, remix before using. Do not add more water.

## **APPLICATION**

With sufficient pressure, apply Feather-Edge with a flat-edged, steel trowel filling in all depressions and/or voids. There is no minimum thickness requirement for this product. Use the least amount possible to attain the desired smoothness. Feather-Edge can be applied from a true feather-edge up to 1/2" thick over large areas in one application. Approximate pot life of the material is 10 minutes at 70 degrees F. The time it takes Feather-Edge to harden (after it is applied) will vary depending on the thickness of the application along with the ambient and substrate temperature.

## **FLOORING INSTALLATION**

Once Feather-Edge has sufficiently hardened (and can be worked on without damaging the surface), most

standard floor coverings such as ceramic tile, VCT, sheet vinyl and carpeting can be installed. Flooring which requires special adhesives (such as epoxies or urethanes) can be installed after 24 hours. Always do a test patch to ensure the adhesive's compatibility and always follow the floor covering manufacturer's recommendations.

## **COVERAGE**

10 pounds of Feather-Edge will cover approximately 33 square feet at 1/8" thick.

## **SPECIAL PRECAUTIONS**

- For interior use only.
- Do not apply over press-wood, flake board, metal or similar type substrates.
- Always follow the floor covering manufacturer's recommendations.
- Do not apply directly over gypsum based substrates.
- Do not use when the ambient and/or substrate temperature is below 50 degrees F.
- Store in a cool, dry place.
- Clean all tools and mixing containers with water during and immediately after use.

## **TECHNICAL DATA**

### **Set Time**

Initial.....10 minutes  
Final.....20 minutes

### **Compressive Strength**

1 Day.....3,025 psi  
3 Days.....3,325 psi  
7 Days.....3,925 psi  
28 Days.....5,400 psi



60 REAR NEWHALL STREET

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## **WARNING!**

Do not take internally. Contains Portland cement and Silica sand. May be irritating to the eyes and nose. Prolonged inhalation may cause lung injury. Avoid eye contact or prolonged contact with skin. Wash hands thoroughly with water after handling. In case of eye contact, flush with plenty of water for at least fifteen minutes. If irritation persists, consult a physician immediately. Dust masks, eye protection and gloves are recommended when using this product. Read Material Safety Data Sheet (MSDS) before using this product which may be obtained from your retailer or by calling 978-453-8881.

24 Hour Emergency Medical/Spill Information (Chemtrec): 800-424-9300

**KEEP OUT OF THE REACH OF CHILDREN!**

For technical assistance call  
978-453-8881

[www.umaco.com](http://www.umaco.com)

## **LIMITED WARRANTY**

*The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied.*

**04-01-12**

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