



FEATHERPAVE

Latex Fortified, One-Component Concrete Leveling Compound

1. Product Description

a. **Basic Use:** Featherpave is a one part, latex modified repair compound designed for very thin trowel-on applications. When mixed with water, it gives a very workable consistency that can be applied to a near zero thickness. Featherpave is excellent for bringing localized bird baths and low spots up to proper level for subsequent floor coverings.

b. **Features/Benefits:**

- Excellent bond to sound concrete.
- Good for horizontal and vertical applications.
- Easy to use one-part system.
- Ready to be covered within 90 minutes.
- Levels uneven or damaged concrete surfaces.
- Provides a smooth top surface.
- No special tools or equipment needed.

c. **Typical Applications:** Office buildings, schools, light commercial buildings, stores, residential.

d. **Limitations:** Featherpave is not designed for outdoor use. It should be limited to indoor applications and not used as a heavy-duty wearing surface. Limit applications to 1/2 in. (12.7 mm) or less.

e. **Composition:** Featherpave is a mixture of cementitious components, latex, fine aggregate, and proprietary chemicals. Featherpave contains no calcium chloride.

f. **Color/Appearance:** Similar to concrete.

2. Packaging

Featherpave is packaged in 50-lb. (22.7 kg) bags or pails.

3. Estimating/Yield

One 50-lb. (22.7 kg) unit of Featherpave will yield 0.45 cu. ft. (0.013 cu. m) of material. It will cover 85 sq. ft. (7.9 sq. m) at a 1/16 in. (1.6 mm) thickness.

4. Technical Data

a. **Compressive Strength:** ASTM C 109, 2 in. (50 mm) cubes at 72°F (22°C).

<i>Age</i>	<i>Strength</i>
<i>2 hours</i>	<i>250 psi (1.7 MPa)</i>
<i>1 day</i>	<i>1,500 psi (10 MPa)</i>
<i>3 days</i>	<i>2,500 psi (17 MPa)</i>
<i>7 days</i>	<i>3,000 psi (20 MPa)</i>
<i>28 days</i>	<i>3,500 psi (24 MPa)</i>

b. **Working Time:** 15 minutes.

c. **Final Set Time:** ASTM C 191; 30 minutes.

5. Directions for Use

a. **Preparation:** Base concrete must be sound and clean. Chip, bushhammer, scabble, chisel, shotblast, or mill damaged surface down to sound concrete. Any oil soaked concrete must be removed. Blow off any loose dust, dirt, and debris. Provide a clean, textured surface free of paint, coatings, or curing compounds.

b. **Bonding:** The base concrete surface must be predampened. No bonding agent is required. Remove any free-standing water.

c. **Mixing:** Mix one unit at a time using a mechanical drill and mixing blade along with a 5-gal. (18.9 liter) pail. Pour 0.9 gal. (3.4 liter) of water into the pail first and then add the dry powder. Mix for 2 to 3 minutes to achieve a uniform consistency. Workability can be adjusted by varying the water content. Featherpave can also be mixed a few pounds (kilograms) at a time for smaller jobs.

d. **Placement:** Trowel mixed mortar onto repair area to desired thickness.

e. **Finishing:** After initial troweling and achievement of desired smoothness, no further finishing is needed.

f. **Curing:** No curing is required. Under extremely difficult drying conditions, cover with polyethylene to prevent checking.

g. Maintenance: Featherpave is intended to be free of maintenance once properly installed.

6. Availability

Featherpave is normally available immediately from your local distributor or it will be shipped within 5 working days upon receipt of order. Please contact your local Metalcrete representative or call Metalcrete directly for more information.

7. Warranty

Featherpave is manufactured in strict accordance with the quality control standards of Metalcrete Industries. It is guaranteed to perform as indicated on this data sheet when applied by competent applicators.

8. Technical Service

Metalcrete technical service representatives are available to provide on-site assistance with a minimum three day notice.



Metalcrete Industries

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