FARRELL ALL-PURPOSE CONCRETE PATCH

PRODUCT DATA SHEET

High-Quality, Cementitious, Multi-Purpose Repair Patch

DESCRIPTION

FARRELL ALL-PURPOSE CONCRETE PATCH is a one component, high-quality, cement-based, multi-purpose repair material. For use in both interior and exterior applications where a fast set time and high strength is demanded. Use for horizontal or vertical applications.

ADVANTAGES

- Fast-setting/High early strength
- Cement-based
- Excellent freeze thaw resistance
- One Component - mix with water
- No added chlorides
- Shrinkage compensated
- Featheredge to 4 inches
- Can be nailed into
- Coatings may be applied in as little as 5 hours

TEST DATA

Set Time at 70°F (21°C):	Initial	12 min
	Final	15 min
Compressive Strength: (ASTM C109)	24 hrs	4000 psi
	28 days	7000 psi
Flexural Strength: (ASTM C-348)	28 days	1,387 psi
Density:	Wet	132 pcf
Freeze Thaw Resistance: (ASTM C-666)	Durability Factor 95.1 – Mass Change 300 cycles -3.9%	

*Tested at 3.5 quarts of water per 50 lb bag

SURFACE PREPARATION

The concrete surface must be completely cured, clean and free of any loose or friable material and structurally sound. 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 mechanical means. The repair area must contain a rough profile for adequate adhesion. For continuous applications greater than 5 bags and over 1" in depth, the surface must always be prepared to a CSP of 6 or greater by mechanical means. Saturate the surface with water to an SSD Saturated Surface Dry condition immediately prior to the placement of **FARRELL ALL-PURPOSE CONCRETE PATCH**. **FARRELL BONDING AGENT** may be utilized as a bonding agent to achieve additional bond strength with demanding applications. Apply **FARRELL ALL-PURPOSE CONCRETE PATCH** while the surface is damp. Do not allow water or **FARRELL BONDING AGENT** to dry.

APPLY A TEST PATCH

To confirm the suitability of the application, and that the final appearance and function will be as the owner, architect, and contractor expect, install a test patch at the maximum designed thickness anticipated on the project and subject it to anticipated service conditions before proceeding with the job.

MIXING

Mix each bag of **FARRELL ALL-PURPOSE CONCRETE PATCH** with 3.5 to 4.5 quarts clean potable water. Mix completely for 1 to 2 minutes until you achieve a lump free consistency. For repairs greater than 5 bags and over 1" in depth extend with 10 lb to 25lb of clean, washed well-graded, 3/8" course aggregate.

APPLICATION

Apply from a feather edge to 4". **FARRELL ALL-PURPOSE CONCRETE PATCH** may be troweled or floated. It may be broom finished or float finished once it has stiffened to the desired consistency. Apply at full repair depth, if additional applications are required wait a minimum of 16 hours.

CURING

Moist cure applications once the material has a dull cured appearance by misting with water or covering in wet burlap and polyethylene. Cure for a minimum of 1 hour. Additional curing time may be required in windy, cold, or dry conditions.

LIMITATIONS

- For applications over concrete and masonry only
- Concrete must be a minimum of 7 days old
- Apply when the surface and ambient temperatures will be 45°F and above for 12 hours
- For temperatures higher than 90°F (32°C), consult with **FARRELL**'s technical service department
- All control and expansion joints must be carried through
- Protect from rain and runoff for a minimum of 24 hours

PACKAGING

50 lb. bag (22.68 kg)

APPROXIMATE COVERAGE

Actual coverage will vary depending on substrate surface profile.
0.44 ft^3 per bag
25 sq. ft. when applied at 1/4"

STORAGE

Store in a dry location. Precondition to 45°F to 90°F prior to using.

SHELF LIFE

2 years

CAUTION

FARRELL offers products that may contain cement, latex, epoxy, and other chemicals. Please review the Safety Data Sheet before the use of this product.

GUARANTEE

Please call **FARRELL** for copy of guarantee.

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