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TECHNICAL DATA SHEET- FAST PATCH

DESCRIPTION AND USE

FAST PATCH is a two component, acrylic polymer modified; cement based patching material for concrete and masonry. The dry mortar component is blend of Portland cement, graded silica sands and water reducing agents. When mixed with a mixture of 1 part water and 1 part Xcel Surfaces **ACRYLIC ADDITIVE**, the resulting **FAST PATCH** mortar produces a structural repair mortar. **FAST PATCH** is used to repair spalls, step edges, holes and other construction faults on horizontal, vertical and overhead concrete substrates. **FAST PATCH** is suitable for use on interior and exterior concrete, above or below grade.

ADVANTAGES

- Low-slump mix allows for vertical repairs.
- Can be used on exterior and interior concrete surfaces.
- Waterproof, but not a vapor barrier.
- Thermally compatible with concrete.
- High impact and compressive strength.

SPECIFICATIONS

The data presented is typical for **FAST PATCH** mixed and placed at 77°F.

Compressive Strength: (ASTM C-109)
2500 PSI @ 1 day
4000 PSI @ 3 days
6500 PSI @ 7 days

Initial Set.....15 – 20 minutes

APPLICATION

Concrete surface must be completely dry and free of all grease, oil, dirt, dust, curing compounds, sealers, coatings, efflorescence, old adhesive residues or any other foreign matter. New concrete should be cured for at least 7 days.

Mechanically abrade (i.e., scarify, grind, etc.) the substrate to obtain a fractured aggregate surface condition with a minimum profile of ± 1/16 inch. Wash debris from work surfaces with plenty of clean water. Areas to be patched should be in saturated surface dry condition with no standing water.

Combine 1 part clean potable water with 1 part Xcel Surfaces **ACRYLIC ADDITIVE** and mix at a slow speed by hand or with slow speed drill and paddle. Add this liquid mixture to the **FAST PACH** powder and mix mortar to a uniform, smooth, non-sag consistency. Material sets quickly. Mix only enough

mortar that can be placed in 15 minutes. **DO NOT OVER MIX OR RETEMPER.** If material starts to set before it can be placed, discard it.

Concrete surfaces should be kept damp prior to applying the repair mortar. Apply **FAST PATCH MORTAR** quickly with margin or pointing trowel in successive 1/2" to 1-1/2" layers and press the mortar firmly into the repair area. Scratch each layer in two directions, allow to set and cool. Apply next layer when dry. Shave off excess mortar and finish trowel lightly.

Clean and wash tools with water immediately after use.

LIMITATIONS

Apply only on clean, sound, properly prepared concrete substrates Use Xcel Surfaces **ACRYLIC ADDITIVE** and clean water as mixing liquid. Do not re-temper. Do not over trowel. Observe same safety precautions for using Portland cement.

PACKAGING

FAST PATCH powder: 50 lb. bag
ACRYLIC ADDITIVE: 1- 5 Gallon Pails

COVERAGE

50 LB. bag will yield approximately 850 cubic inches per unit.

HANDLING & STORAGE

Read Material Safety Data Sheets before using. Dispose of unused material in accordance with Federal, State and Local regulations. Storage temperature: (45°-85° F). Do not let Product Freeze.

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