

# Fast Setting Patch 826

## Polymer-Modified Portland Cement Based Patch

**Description:** SGM 826 Fast Setting Patch is a unique blend of Portland cement, fillers and special dry, redispersible polymers designed specifically to prepare concrete and exterior grade plywood (Interior use only) prior to the installation of all types of floor coverings. SGM 826 Patch requires only the addition of water to mix and final floor coverings may be applied in 1 ½ (one and one-half) hours.

**Uses:** SGM 826 Patch is designed to be used on interior applications vertically or horizontally and will tolerate moisture once cured. SGM 826 Patch will not shrink or expand when properly applied. Material may be applied from ½" (12mm) to feather edge.

**Limitations:** SGM 826 Patch may not be used directly over gypsum-based underlayments, metal, glass, plastic, luan plywood, particle board or any other unstable substrates. SGM 826 Patch is not a wearing surface and must be covered by an acceptable floor covering. Do not use thicker than 1/2" (one-half inch) (12mm); use Southcrete 35 and Floor Mud. For large areas, use SGM Self Level underlayment and primer. All materials and areas to be repaired should remain between 40F and 90F degrees.

### Preparation:

Concrete and cement based substrates must be 28 (twenty-eight) days cured and free of moisture. Substrate must be free of any wax, oil, dust or particles. Deflection shall not exceed 1/360 of the span including both live and dead load. Hence, any further cleaning shall be done by sanding, scraping or scurfing the surface to assure proper bonding. Surface may be cleaned by using SGM Safe Clean Crystals (sulfamic acid) and then neutralized. Smooth-steel troweled concrete should be roughened prior to installation. For hot and dry conditions, lightly dampen surface with water leaving no puddles of water. Expansion joints, saw cuts, cold joints or structural cracks should not be covered with SGM 826 Patch. They should continue through to flooring surface. Seek professional advice from structural engineer or architect for placement of expansion joints. Follow T.C.A handbook method EJ 171 for detailed specifications.

### Plywood Substrate:

All plywood floors (interior use only) must be APA exterior grade and should be structurally sound, clean and free of any foreign matter or bond breakers. No special bonding agent or primer is required. Only spot patching is recommended on wood flooring. For areas larger than 5ft (1.5m) in diameter, use SGM Self Leveling underlayment.

### Special Surfaces:

For application over existing ceramic tile, natural stone and terrazzo. These surfaces should be well bonded to subfloor, clean and abraded to properly receive the application of SGM 826 Patch.

### Mixing Instructions:

SGM 826 Patch powder (25 lbs.) should be added to approximately 4 (four) quarts of cool, clean potable water. Do not overwater. Gradually add powder to water while mixing, until a smooth, paste like trowelable mix is achieved. Machine mixing is preferred (250-350rpm) or manually mix with margin trowel or similar. Avoid high speed mixing which can entrain air and shorten pot life. Do not slake; material is now ready for application. Mix only what can be applied in 10 - 15 minutes.

### Application:

Apply material to substrate using sufficient pressure to insure a good mechanical bond. Float material to desired thickness maximum ½" (one-half inch)(12mm) thick with flat steel trowel. Do not cover or bridge expansion joints, saw cuts or cold joints. Materials should be protected from excessive heat and windy conditions. Protect from traffic and contamination prior to the installation of floor coverings.

**Curing:**

SGM 826 Patch will set in approximately 30 to 50 (thirty to fifty) minutes. Final floor covering may be installed in 60-90 (sixty to ninety) minutes or once material is completely dry.

**Technical Data:**

Initial set time: Approximately 12 - 15 minutes

Final Set Time 35 minutes

Pot Life 12 to 15 minutes @ 72F

**Specifications:**

To date no industry standards have been approved for this product.

**Coverage:**

Approximately 45 square feet (4.05m<sup>2</sup>) at 1/16" (1.6mm), 23 square feet (2.07m<sup>2</sup>) at 1/8"(3mm) and 11 square feet (1m<sup>2</sup>) at 1/4" (6mm) thickness per 25lb (11.3kg) bag.

**Shelf Life:**

Six (6) months.

**Clean up:**

Clean hands and tools with warm soapy water before materials dry.

**Caution:**

Eye and Skin Irritant. Avoid contact with eyes. Do not take internally. First Aid: In case of contact with eyes, flush with large amounts of water for at least 15 (fifteen) minutes. For skin, wash affected area with soap and water. If irritation persists, see a physician. If ingested, contact a physician immediately. CONTAINS FREE SILICA. AVOID BREATHING DUST. Prolonged exposure to dust may cause delayed lung disease (silicosis). Wear NIOSH approved mask for silica dust. KEEP OUT OF REACH OF CHILDREN. Protect from freezing.

**Limited Warranty:**

S.G.M., Inc., will replace any material proved defective with the maximum shelf life on unused material of up to one (1) year. If our products are not found to conform to our high standards, notify S.G.M., Inc., immediately in writing. There is no other obligation expressed or implied, and we assume no liabilities for damages of any kind. Suitability of the product for an intended use shall be solely up to the user.

**SGM**

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