



STRUCTURAL CONCRETE REPAIR

DESCRIPTION AND USES

Concrete Saver Pro Structural Concrete Repair is a fast setting, general purpose cement-based patching material for repairing concrete and masonry. Structural Concrete Repair is a proprietary blend of Portland cements, aggregate and additives that achieve an initial set in 10-15 minutes; final set in 20-25 minutes. It can be shaved down for a more uniform looking repair after the initial set.

Excellent for vertical and overhead repairs. Primary applications include driveways, walkways, stairs, patios, pool decks, basement floors and garage floors.

PRODUCT FEATURES AND BENEFITS

- Repairs concrete and masonry
- Can be shaped, molded, and shaved down to form applications
- Interior and exterior application
- For repairs greater than 1/8" in depth
- Trowel or hand application
- Fast setting
- Can fill holes up to 7" deep in one application
- Once cured, stronger than concrete being repaired

PRODUCT

SKU	DESCRIPTION (3 lb. bag)
392532	Structural Concrete Repair (Concrete Gray)

PRODUCT APPLICATION

READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

SURFACE PREPARATION

Prepare the surface by removing any dust, debris, paint, dirt, oil, loose concrete, or any other contaminants that may come in contact with the product. For horizontal repairing, it is recommended to abrade the surface by cutting an approximate 3/4" notch to ensure adhesion. Pre-wet the prepared surface before applying the product. No standing water should remain but the surface must remain moist during the application.

PRODUCT APPLICATION (cont.)

MIXING

Empty entire contents of Structural Concrete Repair into a secondary one-gallon container. Add 12 ounces of water to the Structural Concrete Repair. **DO NOT EXCEED 14 ounces of water per 3 pounds of Structural Concrete Repair.** Thoroughly mix by kneading the material for approximately 1 minute to a thick, putty-like consistency.

APPLICATION

Structural Concrete Repair is suitable for application at temperatures between 50-100°F (10-38°C). Lightly saturate the surface with water. Force the product into the saturated surface area with a trowel or by hand to secure a complete bond over the entire area to be repaired, slightly overfilling the target repair area with product. Allow Structural Concrete Repair to set for approximately 10-15 minutes in a controlled environment. Exterior applications may increase the set time. Shave the material to follow the shape of the surrounding surface. Always shave toward the common bonding line between the repair material and the existing surface.

CLEAN-UP

Detergent and water immediately after use.

PERFORMANCE CHARACTERISTICS

COMPRESSIVE STRENGTH

METHOD: ASTM C109
 RESULT: @ 24 hours 3,000 psi
 @ 7 days 5,350 psi
 @ 24 days 6,150 psi

FLEXURAL STRENGTH

METHOD: ASTM C78
 RESULT: 28 days average of 917 psi



STRUCTURAL CONCRETE REPAIR

PHYSICAL PROPERTIES

		STRUCTURAL CONCRETE REPAIR
Composition		Portland Cement, Aggregates, Additives
Solids	By Weight	100%
	By Volume	100%
Mixing Ratio		12 ounces of water to 3 lbs. of dry mixture
Induction Period		None required
Working Time		5-7 minutes @ 75-80°F (25-27°C)
Estimated Coverage*		1.5 square feet @ ¼" thick
Dry Times @ 70-80°F (21-27°C) and 50% Relative Humidity	Initial Set	10-15 minutes
	Final Set	20-25 minutes
	Vehicle Traffic and Topcoat	24 hours
Shelf Life		12 months in dry unopened package
Safety Information		See SDS

*Coverage rate is estimated and accounts for material lost when grinding away excess material for a smooth finish.

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