

FAST SETTING REPAIR MORTAR

Infrastructure Rehabilitation Systems

PRODUCT DESCRIPTION

Structural Rehab Products Fast Setting Repair Mortar is a fast-setting, high strength, concrete repair material specifically designed to develop a permanent bond to existing concrete. **SRP Fast Setting Repair Mortar** can be applied from featheredge to 3" as packaged and from 3" to 8" by extending with clean pea gravel 60% by weight and from 8" to 12" by extending 100% by weight. **SRP Fast Set Repair Mortar** has an initial set of 12 minutes and final set of 15 minutes.

RECOMMENDED USES

- Repair of concrete structures
- Repair of masonry structures
- Repair of concrete tanks
- Overlays of concrete floors

BENEFITS

- High early strengths
- Aggregate addition possible
- High bond strength
- Permanent repair
- Reliable, easy to use
- Coatings can be applied in 6 hours

TECHINCAL DATA

Compressive Strength	ASTM C 109
3 Hours	2550 psi
1 Day	5500 psi
7 Days	7000 psi
28 Days	8000 psi
Bond Strength,	ASTM C 882
1 Day	1900 psi
7 Days	2600 psi

PACKAGING & COVERAGE

SRP Fast Setting Repair Mortar is available in 50 lb. poly-lined paper bags - 56 bags per pallet or 50 lb. plastic pails - 36 pails per pallet. One 50 lb. bag or pail (22.72 kg) of **SRP Fast Setting Repair Mortar** yields approximately .42 cubic feet and will cover approximately 9.5 sq. ft. at featheredge thickness.

IMPORTANT: STORE IN A DRY PLACE IN ACCORDANCE WITH ACI GUIDELINES.

SURFACE PREPARATION

Remove all dirt, oil, and any other foreign materials. All metal in contact with **SRP Fast Setting Repair Mortar** must be free of oil, rust and grease. Surface must be properly prepared to ensure proper bonding and must be roughened to expose sound concrete.

It is highly recommended that concrete surfaces should be saturated with clean water for 4 hours before placing mortar. If this cannot be achieved, the concrete surface must be Saturated Surface Dry (SSD). Remove all excess water prior to placement of mortar. Shade foundation from intense sunlight 24 hours before and after application.

MIXING

Mix **SRP Fast Setting Repair Mortar** preferably in a mortar mixer 3 to 5 minutes. Mortar can also be mixed with a paddle and drill mixer making sure a homogeneous mix is achieved. Never use water in an amount that causes segregation. Maximum water - 4 quarts per 50 lbs.

CURING

Follow ACI Guidelines for proper curing of high strength mortar. Keep wet for at least 1 to 2 hours after final set.

WARRANTY

Structural Rehab Products warrants its products to be free of defects in material and workmanship and will replace any product that has been proven to be defective and that has been applied in accordance with the manufacturer's recommended specifications. **Structural Rehab Products** will replace any defective product.

CAUTION

Use of this product may be hazardous to your health. This product contains Portland cement and Silica sand. Prolonged inhalation may cause delayed lung injury including silicosis and possibly cancer. Avoid direct contact with skin and eyes. In case of contact, flush with plenty of water for at least 15 minutes. Contact a physician. Wash exposed skin areas promptly with water. Do not take internally. Keep out of reach of children. Please consult SDS prior to use.

Structural Rehab Products is a registered trademark of R&D

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