

**Description:**

SR-P is a Cement based trowel applied patching compound that is used to repair sub-flooring prior to the installation of CMP's underlayments, toppings or finished floor coverings. SR-P's excellent workability makes it easy for repairing and smoothing concrete floors, ramps, pre-cast and stairways.

**Advantages:**

- Mixes with water only - One component
- Maintains workability for 30 minutes at 70°F
- Not a gypsum based product - water resistant
- Ready for covering's in just 60 minutes
- Cement based
- Compatible with most flooring adhesives
- No priming needed
- Applies from feather up to 2" (up to 3" in limited areas)
- Excellent workability

**Compressive Strength (ASTM C 109):**

1 Day	3000 psi	20.7 MPa
7 Days	4500 psi	31.0 MPa
28 Days	5500 psi	37.9 MPa

**Setting Time (ASTM C 191):**

Working Time	18 - 20 Minutes
Final Set	35 - 40 Minutes

**Flammability: (ASTM E84):**

Flame Spread: -0-  
Fuel Contribution: -0-  
Smoke Development: -0-

**Approximate Coverage:**

25 sq. ft. per bag at 1/4"  
12 sq. ft. per bag at 1/2"

**Application Temperature Range:**

50°F – 95°F

**Mixing Ratio:**

5.0 quarts to a maximum 5.5 quarts per 50 lbs bag.

**Substrate Preparation:**

Level Finish should not be installed over gypsum, latex patches, asphalt, coal tar, or lightweight insulating concrete.

Concrete Floors: Surface must be solid, completely clean, free of oil, wax, grease, sealers, curing compounds, asphalt, paint, dirt, loose surface material and any contaminate that will act as a bond-breaker. Weak concrete surfaces must be cleaned down to solid sound concrete by mechanical means. Acid etching or chemical cleaning is not acceptable. Joints in the substrate must be reflected through the applied underlayment.

Non-porous floors, such as terrazzo, ceramic and quarry tile, certain power-troweled (burnished) concrete, and epoxy coatings: Must be dry, solid, well bonded, properly cleaned and then

primed with EP-440 Epoxy Primer.

**Priming:**

Standard absorbent concrete: No priming required.

Non-porous floors, such as terrazzo, ceramic and quarry tile, and burnished concrete: Prime with EP-440 Epoxy Primer. Mix Part A with Part B and apply with a short-nap or sponge paint roller, leaving a thin coat of primer no heavier than a thin coat of paint. Do not leave any bare spots. Brush off puddles and excess primer. Allow to dry to a thin, slightly tacky film (minimum 3 hours, maximum 24 hours.)

Caution: EP-440 Epoxy Primer must be applied in a thin layer within one hour of mixing. A thick application will produce a soft and rubbery surface which can result in cracking of the SR-P.

**Mixing and Installation:**

Mix that amount of SR-P that can be placed within 10-15 minutes at 70°F. Higher temperatures will shorten working time and cooler temperatures will prolong it. Place 5 1/2" quarts of clean potable water into a mixing container and then add 50 lbs of SR-P, mixing to a lump free, creamy consistency. A mechanical mixer such as a paddle and 1/2" heavy duty drill will result in a better consistency and save time. Do not re-temper or over mix entraining excess air. Smaller quantities should be mixed by hand.

Floor coverings usually can be installed after 90 minutes at 70°F. Always follow the recommendations of the floor covering manufacturer concerning maximum allowable sub-floor moisture content.

**Thickness:**

SR-P can be installed in a single application from a featheredge to 2" and up to 3" in limited areas without the addition of aggregate. SR-P mixed with aggregate can be installed up to 5" deep, in a single operation, in areas up to 4 square feet. Mix SR-P with water first, and then add the aggregate (1/8" - 1/4" clean, dry, well-graded pea gravel) up to 1 part by volume. Mix until the aggregate is completely coated. Do not use sand. If the aggregate is wet, reduce the amount of water to avoid over-watering.

**Curing:**

SR-P is self curing trowelable patching material. Do not use damp curing methods or curing and sealing compounds.

Protect SR-P from excessive heat conditions during its initial curing stage. Turn off all forced ventilation and radiant heat systems.

Protect from excessive traffic, dirt and dust until SR-P is completely cured and final flooring has been installed.

**Clean Up:**

Use water to clean all tools prior to material hardening.

**Packaging:**

50lb. bags/ 50 bags per pallet / 2500 lbs per pallet

**Storage:**

Always keep in cool/dry place unexposed to sunlight

**Shelf Life:**

12 months from the manufactured date.

**Health and Safety:**

Refer to the MSDS before using this product