



CONCRETE RESURFACER

DESCRIPTION AND USES

Concrete Saver Pro Concrete Resurfacer is a polymer modified, fiber-reinforced concrete resurfacing mortar. Adding only water, Concrete Resurfacer provides a fresh, aesthetically pleasing appearance to new concrete that has been marred by rain or plastic covering, old or spalled concrete, and salt damaged concrete. Ideal for driveways, sidewalks, pool decks, garage floors, elevated slabs, and vertical concrete surfaces.

PRODUCT FEATURES AND BENEFITS

- Polymer modified, microfiber reinforced for high strength
- Suitable for freeze-thaw environments
- Excellent working time
- Open to foot traffic in 4 hours, rubber tire traffic in 12 hours
- Interior or exterior

PRODUCTS

SKU	DESCRIPTION (Gray)
392535	40 lb. bag

PRODUCT APPLICATION

READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

SURFACE PREPARATION

Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and be free of curing and sealing compounds, dust, dirt, paint, efflorescence, oil, and all other contaminants. Typically, pressure washing the surface with a commercial pressure washer (3000 psi, 4 GPM) (21 MPa, 0.25 L/s) and allowing to fully dry will be sufficient for preparation. In areas of heavy contamination, preparing the concrete through mechanical means is recommended. Abrade the surface to a profile of at least CSP 2, in accordance with ICRI Guideline 310.2-1997. Thoroughly clean profiled area.

MIXING

One 40 lb. (18 kg) unit requires 4.5 qt (4.3 L) of potable water. Up to an additional pint (0.4 L) can be added when the temperature exceeds 80°F (27°C). For repairing deeper spalls prior to overlaying, one unit can be mixed with 3.5 to 4 qt (3.3 to 3.8 L) of potable water to make a stiff paste suitable for spall repairs. All materials should be in the proper temperature range of 50 to 90°F (10 to 32°C). Single 40 lb. (18 kg) units may be mixed with a drill and "jiffy" mixer. Add 80% of the total mix water to a clean mixing vessel, then gradually add the dry product. Slowly add the remaining 20% of mix water during mixing. Do not exceed maximum water or add any additional additives. Mix for 3 to 5 minutes. Do not retemper. Place immediately.

PRODUCT APPLICATION (cont.)

APPLICATION

Placement: Ambient and surface temperatures should be at least 50°F (10°C). Working time at 70°F (21°C) is approximately 30 minutes. Surface and air temperatures greatly affect the working time of the material. Place the mixed Concrete Resurfacer onto the concrete in the desired area. For best adhesion to the concrete, use a scrub brush or stiff street broom to scrub the material onto the prepared substrate. Working from joint to joint in the base concrete is a good practice. On hotter days, it is best practice to work in small, controlled areas to avoid cold joints. This product is designed for finishing with a trowel or a broom. The maximum placement depth of Concrete Resurfacer is 3/8" (9.5 mm). If multiple lifts are to be applied, score the previous lift after placing to provide a suitable surface for mechanically bonding subsequent lifts.

Finishing: This product is designed to be finished with a trowel or broom. Do not add water to the surface during the finishing operation. When placing under hot and windy conditions, the use of an evaporation retarder is recommended to prevent the loss of surface moisture. Always re-establish floor and slab joints when using this product as a finished surface

Curing and Sealing: Proper curing procedures are important to ensure the durability and quality of the repair. As soon as the material can be walked on without harming the finish, apply a water-based cure and seal to the surface. If you can apply a cure and seal sooner from the sides of the project, then do so.

CURING

Initial set time is approximately 1 hours. Final set time is approximately 2.5 hours. Full cure will take approximately 28 days depending on the depth of repair.

CLEAN-UP

Remove excess material with a cloth and wash with water before the product sets.

LIMITATIONS

Store in a dry place. Always mix full units. Minimum application temperature is 50°F (10°C). Avoid applying material in direct sun. DO NOT use a solvent-based cure and seal on this product. DO NOT use plastic or other covering means to cure Concrete Resurfacer, as discoloration will occur.

PERFORMANCE CHARACTERISTICS

NOTE: The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

Compressive Strength (ASTM C109)
28 days 4000 psi



CONCRETE RESURFACER

PHYSICAL PROPERTIES

		CONCRETE RESURFACER
Composition		Polymer modified, microfiber reinforced Portland Cement
Solids	By Weight	100%
	By Volume	100%
VOC		0 g/l
Mixing Ratio		4.5 qt (4.3 L) water per bag
Induction Period		None required
Working Time		Approximately 30 minutes at 70°F
Practical Coverage*	40 lb. bag	1/16" depth – 92.1 sq. ft.
		1/8" depth – 46 sq. ft.
		1/4" depth – 23 sq. ft.
		3/8" depth – 15.3 sq. ft.
Curing Time @ 60-70°F (16-21°C) and 50% Relative Humidity	Initial Set	Approximately 1 hour
	Final Set	Approximately 2.5 hours
	Full Cure	Approximately 28 days depending on depth of repair
Storage		Store in dry conditions
Shelf Life		2 years in original, unopened package
Safety Information		See SDS

*The coverage rates are approximations based on yield of a 40 lb. unit mixed at standard consistency.

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