

Resurfacing Concrete

Make old concrete look like new using QUIKRETE® Concrete Resurfacer and following our step-by-step instructions. QUIKRETE® Concrete Resurfacer is a special blend of Portland cement, sand, polymer modifiers and other additives designed to provide a shrinkage compensated repair material for making thin repairs to sound concrete which is in need of surface renewal. Concrete Resurfacer will provide a durable wear resistant surface designed to withstand heavy foot traffic and vehicle traffic. Use QUIKRETE® Concrete Resurfacer for large applications such as driveways, walkways, sidewalks and patios. QUIKRETE® Concrete Resurfacer can be trowel applied for smaller applications or applied with a masonry brush for curbs or steps. Concrete Resurfacer provides an economical alternative to removing and replacing existing old, spalled concrete.

Materials List

- QUIKRETE® Concrete Resurfacer (No. 1131) (see calculator on page 5 for quantity needed)
- QUIKRETE® Concrete and Stucco Wash (No. 8601)
- QUIKRETE® Concrete Sealer (No. 8800)

Tools

- Pressure washer
- Steel finishing trowel
- Large industrial squeegee (with long handle)
- Drill with paddle mixer
- 5 gallon mixing bucket
- Hammer
- Chisel
- Gloves
- Safety goggles
- Broom
- Masonry brush
- Weather stripping or duct tape
- Garden hose

Step-by-step Instructions

Surface Preparation:

1. Cleaning

Old concrete must be rigorously cleaned to ensure proper adhesion of Concrete Resurfacer to the old surface. In order to remove oil and grease you **may pre-wash the surface with QUIKRETE® Concrete and Stucco Wash (No. 8601).**

2. Pressure Washing



Pressure Wash thoroughly with a 3,500 psi (24 Mpa) pressure washer.

Note: This step is essential in order to ensure a proper bond.

(Surface Preparation Continued)**3. Repairs**

Level any spalled areas, pits or cracks with Concrete Resurfacer that has been mixed to a trowelable consistency. (Use approximately 1 part water to 7 parts Concrete Resurfacer, by volume.) Trowel on Concrete Resurfacer level over areas to be repaired. Allow the repairs to harden before continuing to resurface the entire area.

Mixing Instructions:

1. Mix in a 5 gallon (19 L) bucket with a ½" (12 mm) drill and paddle mixer.
2. Use approximately 3½ quarts (3.2 L) of water for each 40 lb. (18.1 kg) bag.
3. Add the Concrete Resurfacer powder to the water and mix for about 5 minutes to a lump-free, pourable consistency. If mix is too thick, add water SPARINGLY to reach the desired consistency.



The correct consistency is obtained when a 9 oz. (270 ml) cup of Concrete Resurfacer spreads to approximately 8 inches (200 mm) when poured on a flat, non-absorptive surface. Larger quantities can be mixed using a mortar mixer

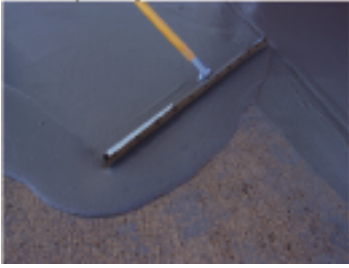
Application Instructions:

1. Section off the work into areas no larger than 144 sq. ft. (13.4 M²). It is essential that control joints and expansion joints are maintained. Use weather stripping or duct tape to prevent Concrete Resurfacer from spilling into joints
2. Saturate the surface with water from a hose, and then remove any standing water with the long handle industrial squeegee
3. Pour Concrete Resurfacer mixture from bucket on to surface



(Application Instructions continued)

- Using the long handle industrial squeegee spread the Concrete Resurfacer mixture across the surface. Use the squeegee to scrub the material into the surface smoothly.



- For a slip-resistant professional finish, follow within five minutes with a large push broom, making full strokes across the entire distance of the current work area without stopping. If desired, a concrete edging tool can be used within 20 minutes of pouring.
- For thicker applications, use additional thin layers of Concrete Resurfacer, building up to the desired thickness, or use a trowel-applied layer after the initial squeegee application. For trowel-applied mixes, reduce the water to approximately 2¾ quarts (2.6 L) per 40 lb. (18.1 kg) bag.

Finishes



Adverse Temperature Conditions:

Cold Weather: Do not apply at temperature below 50°F (10°C). In cold weather, use warm water [approximately 120°F (50°C)] to speed setting time. Allow longer curing time prior to use.

Hot Weather: Work in shaded areas or during the cooler times of the day, and use ice water when mixing to slow the setting time.

Limitations:

Temperature, wind velocity, direct sunlight or shading, as well as the dampness or dryness of the surface receiving material, will have an effect on the finished depth of color. Do not apply to painted or sealed surfaces. Old cracks may reappear due to movement in base concrete.

Curing Instructions:

Under normal conditions no special curing is required. Temperature should remain above 50°F (10°C) for 8 hours. Protect surface from freezing for 24 hours after applying.

Protect from rain for at least 6 hours. Do not cover unless immediate rain protection is necessary. When temperatures exceed 90°F (32°C), moist cure with fog spray for 24-48 hours after applications. For a more stain resistant surface, apply **QUIKRETE® Concrete Sealer (No. 8800)** to the surface no sooner than 24 hours after application. No sealer is required.

More Project Photos and Ideas

Sidewalks



Curbs



Trowel application



Add color



For a decorative effect, add **QUIKRETE® Liquid Cement Colors** or **Stucco and Mortar Color** mix to the water following the instructions on the bottle

Calculator**Concrete Resurfacer Calculator*****Squeegee Applied at about 0.05" (1.3mm)***

Square Feet (M²)	35 (3.3)	90 (8.4)	200 (18.6)	300 (27.9)	500 (46.5)
Less than 1/16" (1.6mm) Thickness Approx. # of bags	1	1	3	4	6
<i>Thicker Applications</i>					
1/8" (3mm) Thickness avg. - Approximate # bags	1	3	6	9	15
1/4" (6mm) Thickness avg. - Approximate # bags	2	6	12	17	29
3/8" (9mm) Thickness avg. - Approximate # bags	3	8	17	26	43
<i>All yields are approximate and do not allow for waste or uneven sub-grade etc.</i>					