



Micro Resurfacer

Base Coat-Single Component

MICRO RESURFACER is a self-curing, polymer modified Portland cement based, fine aggregate powder. It provides a trowelable floor leveling system designed for fills from feather-edge to a depth of 3/8". It is designed to be used over concrete or other Portland cement-based substrates.

BASIC USE

MICRO RESURFACER is designed as a thin concrete topping for application over damaged but stable concrete. Due to the special particle distribution, it will featheredge without crumbling and can be used on interior or exterior installations. When properly mixed, the resurfacer will not shrink when curing and it provides a durable, high compressive strength surface with a vibration resistant bond for receiving stains or sealers. MICRO RESURFACER resists breakdown due to dampness and cures to a semi-resilient but very tough surface which will not check, crack, or break-up. Like all concrete products, strength increases significantly during the initial 28 days.

LIMITATIONS

MICRO RESURFACER must not be used over gypsum-based surfaces, paints, particleboard, lauan plywood, plastics, old adhesive residue, vinyl products, and epoxy or urethane coverings. Use in temperature range of 40°F to 90°F (Do Not allow mortar to freeze for the first 72 hours).

Expansion Joints

Expansion joints, saw cut (control) joints, cold joints or structural cracks shall never be bridged over with MICRO RESURFACER. They should continue through the MICRO RESURFACER. Install expansion joints through the MICRO RESURFACER where it abuts restraining surfaces such as perimeter walls, dissimilar floors, curbs, columns, and pipes. An architect or structural engineer must specify expansion joints and show location and details on drawings. Follow procedures EJ171 in the TCA Handbook.

Priming

Prime the clean surface using Ready Rock's Bond Force diluted with one part water to one part Bond Force. Apply an even coat with a roller or sprayer and brush or broom to work the primer into the pores of the substrate. Allow the primer to dry to a "tacky" surface, and then apply the Micro Resurfacer. Reapply primer if first application becomes dry.

Mixing

Mix one 50 lb. bag of Micro Resurfacer with 4 1/2 quarts of water. Always add the powder slowly to the total amount of water while mixing with a low -RPM power mixer equipped with an egg beater type mixing wand. This wand will help prevent air entrainment which produces pinholes in the finished surface. Continue to mix thoroughly until a lump-free mix is obtained for an additional two minutes. Additional water may be needed to properly mix the batch to a consistency of a runny milk-shake, but should never exceed a total of 5 quarts of water. After mixing, allow mix to slake for approximately 5 minutes before use. Do not mix more material than can be applied within 30 minutes, especially in hot dry conditions.

All surfaces to receive MICRO RESURFACER must be free of structural movement, clean and free from dust, efflorescence, loose particles, sealers, curing compounds, oils, surface hardeners, paint, anti-fracture or waterproofing compounds, chemically treated surfaces, cut-back residue, old adhesives, foreign matter and other anti-adherents. Cleaning may be accomplished via mechanical sanding, scraping or chipping. Smooth steel troweled concrete must be shot blasted, thoroughly scarified or acid-etched using a 10% muriatic acid wash. It is important that the acid sludge be thoroughly neutralized (with baking soda or T.S.P.) and flushed from the floor. Remember, the MICRO RESURFACER system is only as good as the substrate it is applied to. All surfaces must be first primed with Ready Rock's Bond Force RRP. Allow primer coat to become "tacky" then proceed with topping. Do allow prime coat to dry prior to application of mixed resurfacer. Do apply at temperatures below 40°F, or in extremely hot weather while exposed to direct sunlight. MICRO RESURFACER is for pours from feather-edge to 3/8" depth. Do not over trowel. If any extra smooth finish is desired, allow mixture to firm, then sprinkle with Primer/Admixture and lightly trowel until desired finish is reached. When MICRO RESURFACER has been placed in the area to be covered, it should be keyed in and troweled to the concrete floor, thus assuring good adhesion and bond. Start finishing immediately, using a steel trowel. Unlike regular cement mix, this product should not be over troweled or retroweled. Clean tools as work progresses. Do not allow MICRO RESURFACER to dry on tools.

Coverage

Average will be approximately 50 square feet per 50 pound bag at 1/8 inch thickness.

Cleaning

Water is all that is needed to remove uncured admixture.

Curing

A minimum cure is obtained in 24 hours, depending on ambient temperature. 48 hours of cure time at normal room temperature is recommended before application of stains or sealers.

SAFETY - CAUTION: May cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Recommend use of a NIOSH approved mask for silica dust. Contains Portland cement. If any cement or cement mixtures get into the eye, flush immediately and repeatedly with water, and consult a physician promptly. Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water.

KEEP OUT OF REACH OF CHILDREN

Important Notice: These products are sold subject only to the expressed warranties contained herein. Additional warranties, expressed or implied, and any warranty of merchantability is hereby excluded. Buyer agrees that seller assumes no liability for consequential damages of any kind, which result from the use or misuse of the merchandise sold hereunder. In the event that the buyer proves that any goods received do not conform to the specifications agreed to between parties, or if the buyer proves that such goods were defectively manufactured, the buyer remedies shall be limited to either the return of the goods and repayment of the purchase price or the replacement of the nonconforming goods at the option of the seller. Such remedy being exclusive of all others and the sole remedy available to the buyer, the buyer hereby expressly waives any claim to additional damages. Nothing in this bulletin should be interpreted as a recommendation for a use, which violates any patent rights.

Net Contents: 50 Pounds

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White