



Skim-Coat II

Two component Resurfacing Mortar



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Technical Data Sheet



DIV-3

Concrete Repair Materials

Description:

Skim-Coat II is a polymer modified two component repair mortar product that is used for thin repairs to surfaces caused by damage, delaminating and other causes. Produces a usable surface that is smooth and ready for light foot traffic in:

Exterior: 8 hours. Interior: 12 hours

Uses:

Used for floor repairs in commercial or residential applications for any damaged concrete flat surface. Can be used as a filler for voids, large surface cracks repairs and where a polymer modified quick repair from feather edge to 1" is needed. Can also be used as a water resistant base prior to installing tiles, stones, etc.

Surface Preparation:

Chip and remove all loose material. Repair any open cracks. Edges should be cut straight and squared. Acid etch smooth surface to open pores and remove all laitance, contamination, oil and dirt. If using acid, neutralize areas with a solution of one tablespoon baking soda per gallon of water as a final rinse solution. Product requires a moistened and absorbent substrate for installation.

Installation and coverage:

Pour all of the polymer resin into an empty pail and add powder slowly while using a drill mixer to mix and consolidate uniformly, producing a slurry similar to pancake batter. Add extra resin if necessary to obtain the desired degree of workability but not to exceed a maximum of 20% per unit while mixing. Apply to a pre-moistened, clean substrate. Use a squeegee, trowel or screed to install. Produce the surface finish and avoid overworking the surface as it becomes sticky. Mix only as much material as needed for monolithic placement and use freshly mixed product in a continued motion of application. Do not re-temper. Mix and then apply. It is best to finish within 15 minutes for best results. On floor repairs, seal after 24 hours. Each unit will average 10 to 15 Sq./Ft. at 1".

Limitations:

Do not use in horizontal applications above 1 inch in depth. Floor cracks and unsound, dirty, dusty or flaky concrete should be cleaned and repaired before application. Product will not bridge cracks and defects will transfer to the new surface. On hot days, keep materials cool as heat will increase initial set time. Avoid excess water; it will affect final strength. Polymers on the surface will promote dirt pick up and tire marks. Seal for best results.

Packaging:

Available in 50# pails, Kit comes complete with powder and 1 gal of resin included with each pail.

Compliance:

ASTM C-109
2500 psi in 1 day.
4000 psi in 3 days
5500 psi in 28 days
Setting Time: ASTM C-266
Initial: 15 min. @ 70° F
Final: 3 h-25m

Clean-up and safety:

Clean all tools with a soap and water solution.

Product Safety:

Avoid inhaling dust and avoid prolonged skin contact. Use eye and skin protection especially when mixing product. Keep away from children and pets and dispose of pails and unused product properly. Contains Portland cement and silica that can cause burns and respiratory irritation.



Product Safety:

Consult product Material Safety data Sheet for information on the safe handling of this material. Avoid breathing dust and avoid prolonged skin contact. Use eye and skin protection specially when mixing the product. Keep way from children and pets and dispose of pails and unused product properly. Contains Portland cement and silica that can cause burns and respiratory irritation. Silica dust has been known to cause Silicosis with prolonged unprotected use. Wear respiratory protection when handling dry material and during mixing. Contains no organic hazardous components.

Clean Up:

Clean tools and utensils with a soap solution and rinse with clean water.

Warranty: When product is used according to directions and when properly used, warranty is limited to one year after product is supplied to the purchaser in the original container. Refund of the purchase price only if deemed defective at manufacture. This product is intended for industrial professional use by competent tradesmen, with sufficient knowledge and experience on use and proper handling of these products. The purchaser agrees to assume all responsibility for installation, product selection, application, job warranties, use, transport and disposal of product. Builders Construction Products shall not be liable to the purchaser or any third party for costs of labor or direct or indirect and incidental or consequential damages related to the use or suitability of this product. No other warranties are implied. Responsible disposal of used products and packaging is the responsibility of the purchaser and or user. This product does not contain hazardous or controlled substances considered harmful to the environment.

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