



CONCRETE RESCUE

High Performance microtopping mix

DESCRIPTION

Concrete Rescue is a pre blended, all in one, high strength cementitious microtopping mix designed for use as a decorative repair and restoration resurfacing material. Concrete Rescue is a single component mix that requires only the addition of water. Concrete rescue can be used from a feather finish up to 3/4 of an inch in a single lift making it the first “macro” topping. Depending upon the condition of the substrate an additional coat may be required. Although a self leveling mix, Rescue can be retroveled without the stickiness of traditional self leveling mixes enabling easier placement. Indoor and outdoor use.

FEATURES AND BENEFITS

- *Used in conjunction with Tru Tint color products for artistic use*
- *Can be completed in a single coat saving time and labor*
- *Indoor or outdoor use*
- *Often more cost effective that replacing old, worn out concrete surfaces*
- *Can be textured or broomed for versatility.*

TYPICAL APPLICATIONS

Concrete Rescue is used for resurfacing of most concrete type surfaces including but not limited to, hotels foyers, office floors, patios, countertops, restaurants, bars, porches, malls and any other concrete floor or surface restoration projects.

It will help repair scaling ,spalling and other weather related surface artifacts.

TECH SPECIFICATIONS

Specifications listed for product used at 70 degrees and no adverse conditions.

Initial set.....1 hrs

Final set.....5 hrs

Set times can vary based on temp, humidity and other environmental factors

Coverage per 50 lb bag.....150-175 sqft @ normal thickness application (1/16”-1/32”)

Compressive strength.....2400psi at 24 hrs

.....5200 psi at 7 days

Tensile Strength.....700

Flexural strength.....1250 ultimate

INSTRUCTIONS

For Professional use only

MIXING:

Add 1 just under one gallon of water per bag to the bottom of a large mixing pail and begin to add in the Concrete Rescue. Continue to mix and if needed, add water up to 5 quarts to reach desired consistency. The resulting mix should be of a moderately loose mix that nearly self levels. A wetter mix (semi-flowable) is required for use in a spray application due to inherent water loss in the process and to go thru sprayer.



INSTRUCTIONS

Bear in mind that higher water contents can lead to loss in ultimate strength so only use the water needed to spread easily. Typical water content will be about 1 gallon.

PREPARATION: The surface must be free of dust, oil, grease, algae, paint or any other contaminant which could possibly interfere with the adhesion of the material. This includes any sealers that may be present. These can be removed by either mechanical or chemical stripping. Extreme caution needs to be taken to insure the surface is cleaned after any stripping takes place. The prepared surface should be dampened but with the surface dry.

PRIMER: Concrete Rescue will adhere securely to most porous and clean surfaces without the use of a bonding agent, although the use of a primer will often create a smoother, ore even surface for the Rescue material.

APPLICATION: If mixing by hand you should use a large(15 gl) mixing pail and a heavy duty ½” drill mixer. The preferred mixing head is that of the egg beater style. Mixing splines should be cleaned off between batches to avoid heavy buildup. The Concrete Rescue mix should be semi-flowable and can be poured onto the surface. This mix can also be sprayed onto the surface via hoper gun if desired. Once down it can be moved and spread around with a steel blade, trowel, broom, squeegee, etc until uniform coverage is obtained. Take care to minimize the number of tool tracks although any inconsistencies in the surface may be smoothed with a rubbing stone or a steel scraper after material is dry enough to bear foot traffic. **NOTE:** the corrected areas will often take colors and stains slightly different than the non touched surface and that can be unexpected. Sufficient product may be placed to completely cover the concrete substrate in a single smooth pass if desired. As the surface begins to cure out and obtain a matte finish the installer can choose to retrowel the surface to obtain the more burnished look of concrete. If a second coat is desired, it may be applied in the same manner as the first coat after product has met final set.

NOTE OF CAUTION. Any walking on the surface during the installation should be done with the use of spiked sandals to minimize the damage.

CAUTIONS Do not mix more material than can be placed in 20-30 minutes. Always try to keep a wet edge. The temperature of the mixed material should be between 60°F to 80°F for ideal working properties. Use only potable water for mixing. Clean mixing equipment between batches. Do not apply to overly cold or hot surfaces. Colder temperatures will extend open time and reduce rate of strength gain.