



DESCRIPTION

DERMAFIER is a lithium based colloidal penetrating densifier that is used in the polish concrete process as well as enhancing concrete surfaces.

DermaFier creates a breathable, filmless membrane by filling pores of concrete to increase abrasion resistance, improve surface strength and control ASR. The penetrating treatment stops liquid moisture but allows a reduced vapor permeability to make a breathable, protective surface. DermaFier is highly reactive with no residue to rinse away. When used properly DermaFier will fill pores, microcracks and increase surface hardness for permanent protection.

ADVANTAGES

- ❖ Stops salt attack and infiltration
- ❖ Stops concrete from dusting
- ❖ Increases hardness of concrete surfaces
- ❖ Increases abrasion resistance
- ❖ Improves chemical resistance
- ❖ Can be used below or above grade
- ❖ No residue
- ❖ Enhances color and clarity of concrete finishes
- ❖ Densifier for polish concrete
- ❖ Economical way to seal concrete
- ❖ Oil and chemical resistance
- ❖ Will not peel blister or yellow
- ❖ Breathable surface
- ❖ ASR protection
- ❖ UV stable
- ❖ Resists efflorescence

APPLICATIONS

Warehouse floors, on grade or below grade concrete structures, Sidewalks, Fuel areas, Convenience stores, Pool decks, Parking decks, Balconies

TECHNICAL

Appearance: Clear to Hazy

Odor: Characteristic

Freeze Point: 32 degrees(F)

Active Ingredients: 12% Total Solids

Specific Gravity: 1.10 +/- 0.05

VOC: < 1 g/Liter

LIMITATIONS

Shelf life of up to 2 years in unopen containers. If container is open, 1 year. Store in temperatures between 50 degrees and 90 degrees.

Do not let freeze

PACKAGING

1 Gallon pails, 5 Gallon Pails, Totes and Drums

COVERAGE RATES

DermaFier can be diluted with clean potable water as follows

Soft concrete:

Pre-mist concrete with water, then dilute 2-parts water to 1-part DermaFier.

Then apply a second coat diluted 1 to 1 with water.

Hard concrete:

1 coat application diluted 1 to 1 with water.

A Test Area is Recommended: not all concrete is the same.

A small test area should be completed prior to starting a job.

Rate of application -

Up to 400 sq ft per mixed gallon

PREPARATIONS

New concrete (green): you can usually apply DermaFier 7 days after installation of concrete.

Existing concrete: Surface must be mechanically cleaned to remove all surface contamination including cures, cure and seals, adhesives, paints and coating etc. Concrete must be virgin if polishing apply after metal diamonds are completed in the grinding process.

In all cases, surface must be dustless before application of DermaFier. Vacuum should be used to avoid surface gelling.

MIXING AND APPLICATION

For soft concrete: soft concrete could be low psi, over watered concrete, concrete with too much air entrainment. One way to check is if it is easy to scratch. For this type of concrete, mist the surface with water, then apply the first coat of DermaFier at a ratio of 4-parts water to 1-part DermaFier. Wait a few minutes, until the wet look flashes, and apply a second coat diluted at 1 to 1 ratio with water. The first coat will penetrate more deeply into the moist concrete surface. The second coat will fill the pores and react to close the surface.

For medium to hard concrete: usually interior slabs that have been power troweled. Apply 1 coat at a 1 to 1 ratio with water.

In either case, do not let DermaFier puddle on surface. If pudding does occur, immediately use a roller or boom to eliminate puddles.

MAINTENANCE

No water for 24 hrs. after floor has been completed. To clean floor, use a mild no rinse detergent with warm water and a clean mop head. Avoid all caustic, acidic, hydroxides and sulfate cleaners.

Shelf life

Up to 2 years in unopen container. If container is open 1 year. Store in temperatures between 50 degrees and 90 degrees.

Do not let freeze

TECHNICAL SERVICES

Technical information and assistance may be obtained from your local dealer, or by calling the technical department of The Concure Group at 610-864-8502 or Email: info@concuregroup.com.

LIMITED WARRANTIES

Extended Warranties are available. Written extended warranties are available on a per job basis. Please call for information.

DISCLAIMER:

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to substitution due to supply change shortages without prior notice. Please contact The Concure Group to confirm most up to date product information.