

EMESEALCRETE

PENETRATING CONCRETE SEALER CONCENTRATE

GENERAL DESCRIPTION

Concentrated liquid sealer used to permanently densify, strengthen, dust proof, and waterproof new and existing concrete. EmeSealCrete penetrates concrete surfaces and chemically forms crystalline structures that micro seals pores, voids and cracks. It minimizes moisture and radon penetration through basement walls and slabs.

USES

Use on concrete surfaces above or below grade, interior or exterior, vertical or horizontal. Applications include walls, slabs, driveways, basements, garages, traffic bearing structures, docks, ramps, pre-cast concrete elements; containment and retaining walls; and any concrete or masonry surface. It can also be used as a curing compound on green concrete and reduces surface dusting.

ADVANTAGES

- Stops moisture and radon penetration in basements
- Hardens concrete and improves impact, abrasion and wear resistance
- Reduces porosity improving resistance to most soils, acids, oils, and salts
- Reduces spalling from freeze thaw cycles
- Protects against efflorescence and leaching
- Minimizes dusting and chalking
- Provides resistance to chemicals, mildew and fungus
- Permanent subsurface protection to depth of penetration eliminating the need for reapplication
- Penetrates into the pores of concrete forming insoluble crystals that become part of the concrete
- Improves adhesion of subsequent coating, paint, and floor covering adhesives
- Colorless, non yellowing, residual-free surface
- Odor free, non-toxic, solvent free, and non-flammable

PACKAGING

1 gallon jugs, 5 gallon pails, 55 gallon drums

SURFACE PREPARATION

Surface must be clean and sound. Remove dirt, dust, grease, oil, waxes, foreign particles, curing compounds, and form release agents for maximum penetration. Use detergents as needed, rinse and remove surface water.

MIXING

Dilute 1 gallon of EmeSealCrete with 2 to 3 gallons of water mixing thoroughly in a clean bucket or pail. Use hot water to improve penetration.

APPLICATION

1. Freshly placed concrete - for use as a curing agent – wait until surface water disappears and finishing operations are completed. The surface must support foot traffic without damaging the concrete.
2. New concrete – follow surface preparation instructions.
3. Existing concrete – mechanically remove membranes if needed and follow surface preparation instructions.

Temperature should be 40°F – 100°F

INSTRUCTIONS

Pre-dampen surface with hot water then apply EmeSealCrete generously using a low pressure sprayer, brush, roller, broom or squeegee over a pre dampened surface. Apply to the point of saturation keeping the treated area wet for a minimum of 30 minutes. Do not allow product to puddle and dry on the surface as this may cause a white blotchy discoloration. Mist treated areas that are drying to aid penetration. Two applications are recommended for typical situations. Thoroughly flush treated areas with water scrubbing with a bristle broom or brush and squeegee or mop dry. Actual drying times depend on ambient temperatures, humidity and wind conditions, 1-4 hours.

LIMITATIONS

- Best results are obtained by diluting the concentrate in hot water and applying immediately.
- Product will etch glass, painted, aluminum, and other smooth surfaces. Do not wear prescription glasses. Immediately wash and rinse overspray areas with water.
- Minimum application temperature is 40°F. Best results are obtained without direct sunlight contact. Avoid outdoor applications in heavy wind or if rain is imminent.
- Do not thin with solvents.
- Always spot test for suitability before applying.

TECHNICAL DATA

SHELF LIFE: 1 year.

STORAGE: Store in cool, dry location. Do not freeze. May be used after thawing and agitating.

COLOR: Clear

CONCENTRATE: Dilute 1 gallon EmeSealCrete with 2-3 gallons of water, mix thoroughly. Use hot tap water and apply immediately to improve penetration.

COVERAGE: 200 sq ft gal per application, 2 to 3 applications may be required. Actual coverage depends on substrate composition and porosity.

CLEAN UP: Clean sprayers, equipment, and tools with clean water immediately after use.

FOOT TRAFFIC: 24 hours

WARRANTY

Recommendations concerning the performance or use of this product are based upon independent test reports believed to be reliable. If the product is proven to be defective, at the option of the Manufacturer, it will be either replaced or the purchase price refunded. The Manufacturer will not be liable in excess of the purchase price. The user will be responsible for deciding if the product is suitable for his application and will assume all risk associated with the use of the product. This warranty is in lieu of any other warranty expressed or implied, including but not limited to an implied warranty of merchantability or an implied warranty of fitness for a particular use.