

Description

Time Evaporation Retardant is composed of water, APEO free surfactants, long chain alcohol and fugitive blue dye. When applied over fresh concrete, Time forms a monomolecular film designed to minimize moisture loss from fresh concrete.

Time Evaporation Retardant is effective at reducing rapid drying of concrete surfaces during adverse conditions such as high temperature, low humidity, strong winds, direct sunlight, and during heated inside applications. Time Evaporation Retardant has zero V.O.C.'s, and no toxic or hazardous ingredients.

Uses

Time Evaporation Retardant helps produce high quality concrete flatwork by minimizing the evaporation of moisture from the surface of newly placed concrete, extending both workability and finishing time. By preventing accelerated moisture loss, Time reduces plastic shrinkage cracks, and helps create a high quality even surface texture.

Time Evaporation Retardant is beneficial when working with lower slump, and lower water content concrete mixes.

Features

- Reduces surface moisture loss by approximately 80% in windy conditions and 40% in direct sunlight
- Helps reduce crusting, sponginess, stickiness, plastic shrinkage cracking and wind crusting on flatwork
- Water based, odorless, economical and easy to apply
- Contains dissipating blue dye to aide in application
- Compatible with concrete sealers and curing compounds
- Concentrated formula to be diluted 9:1 with clean water

Application

- Time Evaporation Retardant must be stirred thoroughly before dilution to ensure all solids are evenly distributed throughout the product.
- Dilute 9:1 with water: 9 parts water to one part Time Evaporation Retardant in a clean container and mix thoroughly.
- Under severe conditions such as very low humidity, high temperatures, and high winds optimum performance can be achieved with a 5 to 1 ratio dilution.
- Use a fine misting or low pressure sprayers to apply.
- Apply diluted Evaporation Retardant solution to the concrete immediately, or as soon as possible after screeding, re-apply following bull floating or trowelling operation. (More than one application may be necessary)
- Estimated coverage* after dilution is 200ft² - 400ft²/gallon (4.9m² - 9.8m²/L).
- One gallon (3.78L) of Time Evaporation Retardant will provide 10 gallons (37.8L) of ready to use product after dilution

*Estimated coverage depends on surface profile, texture and wind conditions

Limitations

Do not use as a curing compound. The concrete still must be cured after using this product.
If spilled on hardened concrete, clean immediately by wiping up and then rinsing thoroughly with water.
Do not over apply or allow material to puddle.
Protect from freezing

Clean Up

Clean tools and equipment with clean water immediately after use. Wash hands and unprotected skin with soap and water.

Sizes

Time Evaporation Retardant comes in 1 litre, 3.78 litre and 18.93 litre containers.