

APPLICATION SHEET

SUBSURFACE / HYBRID EVAPORATING MEMBRANE CURE & HARDENER / SINGLE APPLICATION

GREEN UMBRELLA® SoloCure

Application Ratio:

200-600 SF per gal.

Dwell Time:

30 min.

Drying Time:

30 - 60 min to foot traffic, 3 hours to wheel traffic - @75°F & 50% RH

IMPORTANT:

Read Technical Data Sheet and SDS prior to application. Follow all directions, including safety information. Installer education, training and appropriate handling is necessary for product success. Due to the variety of concrete, the applicator must test the product for compatibility prior to full application. Respect Time, Temperature & Humidity.



Indoor



Outdoor



Sprayer



Broom



Autoscrubber



T-Bar



Burnisher



Mixing Paddle

Surface Preparation

@EarlyAge™ concrete must be free of all surface bleed water. Complete any saw cutting. Inspect the freshly placed surface for marring or scuffing, remove any and all debris and potential contaminants. Check weather forecast - do NOT apply if ambient temperatures will drop below 40°F within 24 hours of application.

Environmental Conditions

For Green Umbrella® Solo Cure to effectively penetrate the substrate, the temperature should be 40° F and rising for 24 hours during and after application. For windy conditions or temperatures exceeding 95 °F (35 °C) on @Early-Age concrete: Exercise caution. It is not recommended to apply Solo Cure in high wind conditions. Do not allow to puddle to avoid disparate cure effect.

@EarlyAge Concrete (28 days or earlier):

If @EarlyAge Concrete was NOT installed using GreenICE™ Cure, Solo Cure can be installed as a membrane forming cure & seal with densification. If GreenICE™ Cure System was used - Solo Cure is NOT recommended or necessary.

1. Green Umbrella Solo Cure is R.T.U. and should be placed S.O.L.O. to a clean, dry surface using a dedicated GU recommended, non-metal sprayer. Apply evenly on the surface at rate of 200-400 SF per gallon for broom finish or 400-600 SF per gallon for machine troweled finish.
2. Solo Cure may chemically enter separation with exposure to UV or prolonged rest. **Prior to use - mix** using a negative action (top down) drill operated paddle mixer. It is **recommended to use a recirculating pump** to preserve solvency and prevent chemical segregation. Always confirm sprayer is clean and dry prior to filling.
3. Introduce to the freshly placed substrate with a 1 gallon per minute tip, using a low pressure sprayer. Keep substrate wet, placing Solo Cure uniformly and without puddling - with a dwell time of 30 minutes, for full saturation.
4. Allow product to air dry. Restrict all traffic for 2-3 hours or until the surface is dry. If the product is not dry within two hours, blowers or fans

TIME, TEMPERATURE & HUMIDITY

For a chemical reaction to take place successfully, time must be allocated for the full reaction. When applying Green Umbrella Shield & Protect to concrete, the installer must allow adequate dwell time for the reaction to take place. Doing so will help to achieve the best result.

Humidity also plays a role in the dry time. Product applied to a dry concrete surface in an arid climate will dry faster than in a humid environment. In dry climates with low humidity, it may be necessary to hydrate the slab pre or post application to allow for proper dwell time. If several treatments are being applied, product staging should be planned to meet all treatment **dwell times** and **dry times**. It is recommended to use **dew point data** from a mobile hygrometer to determine the best course of action and to eliminate needless downtime. Please consult a Green Umbrella consultant with any questions. The use of on-site hygrometers and thermometers can provide meaningful data to facilitate treatment application success. **Call, e-mail or text your Green Umbrella consultant for assistance.**

may be used to reduce dry-time, even pointed directly onto slab.

5. To remove film-forming cure **use only Green Umbrella DeepClean w/Slip Resist** with auto scrubber equipped with soft bristle brushes or thick black pad after 28 days.

6. For additional sheen after 28 days, clean using Green Umbrella DeepClean & Maintain and burnish using a propane powered UHS GreenGloss concrete weighted burnisher equipped with a thick black pad.