

APPLICATION SHEET

SUBSURFACE / CUTTING AGENT / SURFACE REFINEMENT

GREEN UMBRELLA® GreenCut



Indoor



Outdoor

Application Ratio:

400-600 SF per gal.

Dwell Time:

Hydrate substrate first. 60 min. Minimum. If allowed to dry, re-hydrate before profiling.

IMPORTANT:

Read Technical Data Sheet and SDS before application. Follow all directions, including safety information. Installer education, training, and appropriate use are necessary for product success. Use for @EarlyAge profile success before 28 days after placement. Not for use with all abrasives, test for compatibility before complete application.



Broom



Hose



Sprayer



Grinder



Edger

Surface Preparation

Before introducing to any sound concrete surface, remove loose debris or contaminants by vacuuming, sweeping, brooming, or power washing the surface clean. Beware of any surface protrusions. Hydrate the surface using water. GreenCut™ is used on @Profile&Polish™ - @EarlyAge™ or @MatureAge™ concrete as a GUNanoInside micro-profiling, nano-cutting agent and slurry treatment formulated to refine concrete during profiling or grinding. Always identify wet surfaces with proper signage.

Environmental Conditions

For Green Umbrella® GreenCut™ to effectively penetrate the substrate, the temperature should be 40°F and rising. Be aware of potential rapid evaporation in high temperatures, hydrate as necessary. GreenCut™ is pH neutral in solution, non-hazardous, and will NOT require special disposal. Follow all local requirements for concrete slurry disposal.

@Profile&Polish™ - Concrete to be Abrasively Polished [@EarlyAge* or @MatureAge]

Coverage Ratio: Green Umbrella GreenCut™ is R.T.U.² and should be applied S.O.L.O.¹ to a clean surface with a dedicated, non-metal, clean GU recommended sprayer. Spray evenly on the surface at 400-600 SF per gallon.

1. Hydrate the clean surface using water.
2. Spray GreenCut evenly following 400-600 SF per gallon coverage ratio.
3. Evenly disperse the product as needed using a clean, soft bristle broom.

Allow proper dwell time: 60 min. Minimum. Keep Wet. If applied the day before or several hours before the profile grind, rehydrate with water.

4. Following proper dwell time - profile using power trowel polishers, walk-behind grinders, and edgers.

TIME, TEMPERATURE & HUMIDITY

For a chemical reaction to occur successfully, time must be allocated for the complete reaction. Likewise, when applying Green Umbrella GreenCut™ to concrete, there must be an adequate amount of dwell time for the reaction to take place. Allow a minimum of 1 hour of dwell time; if the GreenCut or slurry has dried on the surface, re-hydrate before profiling. Doing so will help to achieve the best result.

Humidity also plays a role in dry time. The product applied to a dry concrete slab 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 to allow 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 staging of concrete treatments to eliminate needless downtime. The use of on-site hygrometers and thermometers can provide meaningful data to facilitate treatment application success. *Call or Message your Green Umbrella consultant for assistance.*

Abrasives Note: For best results, only use GreenCut with approved abrasives. Never use with hone or polish, resin style abrasives.

Color Note: For best results, stage your polishing process well. GreenCut produces a uniquely closed surface - impacting the introduction of topical colorants.

*GreenCut uniquely allows concrete to be abrasively profiled, honed and polished 28 days after placement. For best results @EarlyAge, finish concrete using the GreenIce Cure system.