

DEEP SUBSURFACE / PH NEUTRAL DENSIFIER / HIGHLY ABRASION RESISTANT

GREEN UMBRELLA® DRYSHIELD

EarlyAge Conventional Concrete (28 days or earlier):

DryShield™ by Green Umbrella® of Rochester, NY (844) 200-7336 is a R.T.U. (Ready to Use), S.O.L.O. (Spray-On, Leave-On), Penetrating Completely Reactive Insoluble Nano Densifier silica solution to strengthen, seal and densify the concrete surface. Clean and sweep all debris and potential contaminants—including sealers, wax, coatings, and oil or food spills—before processing. Place on @EarlyAge™ concrete, the same day of concrete placement and finishing; once the concrete is hard enough for walking or as specified in the construction process. DryShield™ is NOT a cure & seal. Apply DryShield™ in temperatures 40 (and rising) -95°F (4-35°C) at 400-500 SF per gallon. Keep wet for a dwell time of 30 minutes. Allow to air dry. (For certified installers and manufacturer instructions visit www.GreenUmbrellaSystems.com)

EarlyAge Concrete To Be Abrasively Trowel Polished (PHP):

DryShield™ by Green Umbrella® of Rochester, NY (844) 200-7336 is a R.T.U. (Ready to Use), S.O.L.O. (Spray-On, Leave-On), Penetrating Completely Reactive Insoluble Nano Densifier silica solution to strengthen, seal and densify the concrete surface. Clean and sweep all debris and potential contaminants—including sealers, wax, coatings, and oil or food spills—before processing. For an abrasively trowel polished, processed using a power trowel machine adapted for concrete polishing. Place on @EarlyAge™ concrete a few days after concrete placement and finishing or as specified in the construction process by Green Umbrella. Use an Integrally Troweled Concrete Placement (ITCP) process 1) During concrete placement & after finishing, use Green Umbrella IceStart™ cure and IceStop concrete cure system 2) Wet profile and hone with GC™ abrasives with GreenCut™ cutting agent. 3) Optional: Apply Green Umbrella NanoDye™ for colorant 4) Apply DryShield™ in temperatures 40 (and rising) -95°F (4-35°C) at 400-500 SF per gallon. Keep wet for a dwell time of 30 minutes. Allow to air dry. 5) Hone and polish to desired finish with GC™ abrasives. 6) Apply Green Umbrella Microfilm™ - a penetrating, reactive, interior micro-finish for profiled surfaces - at a rate of 1000-1200 SF per gallon. 7) Burnish with GreenGloss™ concrete-weighted, high-speed burnisher GreenGloss™ pads. (For certified installers and manufacturer instructions, visit www.GreenUmbrellaSystems.com)

MatureAge Conventional Concrete (28 days or later):

DryShield™ by Green Umbrella® of Rochester, NY (844) 200-7336 is a R.T.U. (Ready to Use), S.O.L.O. (Spray-On, Leave-On), Penetrating Completely Reactive Insoluble Nano Densifier silica solution to strengthen, seal and densify the concrete surface. Clean and sweep all debris and potential contaminants—including sealers, wax, coatings, and oil or food spills—before processing. At 28 days or later place on @MatureAge™ concrete or as specified in the construction process. Apply DryShield™ in temperatures 40 (and rising) -95°F (4-35°C) at 400-500 SF per gallon. Keep wet for a dwell time of 30 minutes. Allow to air dry. (For certified installers and manufacturer instructions visit www.GreenUmbrellaSystems.com)



MatureAge Conventional Concrete To Be Abrasively Polished (PHP):

DryShield™ by Green Umbrella® of Rochester, NY (844) 200-7336 is a R.T.U. (Ready to Use), S.O.L.O. (Spray-On, Leave-On), Penetrating Completely Reactive Insoluble Nano Densifier silica solution to strengthen, seal and densify the concrete surface. Clean and sweep all debris and potential contaminants—including sealers, wax, coatings, and oil or food spills—before processing. For a profiled, honed, and polished (PHP) concrete floor processed using a variable abrasive, planetary grinding machine to remove existing coatings, surface imperfections, and flattening the concrete slab. Place on @MatureAge™ concrete as specified in the construction process by Green Umbrella. 1) Wet profile and hone with GC™ abrasives with GreenCut™ cutting agent. 2) Optional: Apply Green Umbrella NanoDye™ for colorant 3) Apply DryShield™ in temperatures 40 (and rising) -95°F (4-35°C) at 400-500 SF per gallon. Keep wet for a dwell time of 30 minutes. Allow to air dry. 4) Hone and polish to desired finish with GC™ abrasives. 5) Apply Green Umbrella Microfilm™ - a penetrating, reactive, interior micro-finish for profiled surfaces - at a rate of 1000-1200 SF per gallon. 6) Burnish with GreenGloss™ concrete-weighted, high-speed burnisher GreenGloss™ pads. (For certified installers and manufacturer instructions, visit www.GreenUmbrellaSystems.com)

WHAT DOES THAT MEAN?



GREENUMBRELLA®
CONCRETE GLOSSARY

Concrete Guides and TechNotes for Design Professionals

ACI (American Concrete Institute) Guides are written by members of a committee from all facets of the industry and with different perspectives and conclude recommendations for analysis, design, specifying, selection, evaluation, testing, construction, or repair of concrete materials or structures. TechNotes are narrowly focused, single-topic guides, usually practice-oriented. A TechNote presents a specific direction on a particular issue and may contain pictures, figures, tables, and numeric examples. Many of the most beneficial are on the GreenUmbrella website in the footer menu **Technical Notes** or **Concrete Guides** to help you make the "The Complex Simple" for design to completion.



“GIVING YOU THE DIRECTION YOU NEED.”

INITIATIVE

INSIGHT

SPECIFICATION

“Green Umbrella starts by CONSULTANTS showing initiative. Design professionals, owners, and contractors need someone who is willing to take the initiative in connecting you with the solutions for sustainable concrete. We freely share industrial insight by investing in our industry with Continued Education Presentations created for the design professionals, general contractors, and craftsmen. We can assist you in understanding past project failures, helping you build your specifications for future success. With all the products needed on a project, it is essential to have someone “Giving the Direction you Need”.