



## Green Umbrella DryShield & HydroShield

### *Filling the void...*

- Utilizes the nano molecules of amorphous silica, featuring particles that are 50X smaller than the competitions' sodium silicate and lithium silicate based products. This results in a deeper seal.
- DryShield/HydroShield penetrates 10mm deep into the concrete, compared to a depth of only 1-2 mm with competitor products.
- Amorphous silica is not a desiccant. It chemically reacts with the concrete to seal the capillaries.

**50X**

Smaller molecules

**10MM**

Of surface penetration



pH Neutral



Tire Mark  
Resistant



Abrasion  
Resistant

## Features & Benefits

- Superior stand alone concrete hardener.
- Increases the hardness of a natural slab by 2X.
- Increases hardness below ¼ inch deep, while reducing porosity.
- Requires no rinsing and disposal – will not gel on surface.
- Increases concrete colorant retention.
- Increases life expectancy of concrete.
- pH neutral and non-hazardous.
- Uniquely designed for wet grinding.
- Will not yellow, has natural appearance
- Decreases black tire markings, greatly improving appearance of floor.
- Stands up to heavy abrasion and foot traffic while providing excellent slip resistance.

## The Added Benefits of HydroShield...

- HydroShield offers a higher resistance to water, making it ideal for outdoor use and in moist environments such as basements.
- HydroShield increases the water resistance of concrete by over 10X, compared to most standard slabs.

**10X**

Increase in water  
resistance



Water  
Resistant



Oil  
Resistant



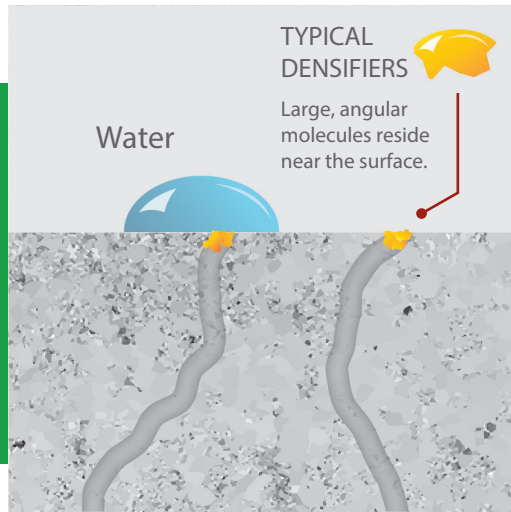
Chemical  
Resistant



Breathable

## Typical Densifiers

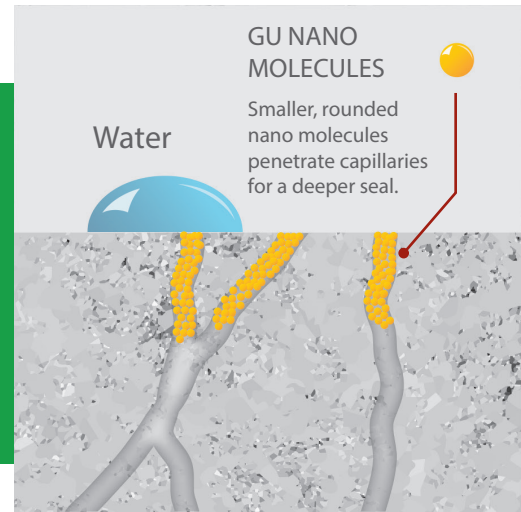
Typical densifiers feature larger, angular molecules that cover the capillaries in the concrete at a depth of 1-2mm.



VS

## Nano Technology

Green Umbrella densifiers feature smaller nano-sized molecules that are rounded. This allows the molecules to fill the capillaries, resulting in complete reaction within the concrete at a 10mm depth to fill the voids.



For more information:



## Why Green Umbrella Densifiers?

- ✓ **Complete in Just One Application**  
No brushing required – just spray and go!
- ✓ **Offers 2-3X the Coverage of Typical Densifiers**  
Since only one application is required, the product yields twice the coverage of typical densifiers and up to three times the coverage on polished floors that have been treated with Green Umbrella GreenCut or Green Umbrella Treatment Systems.
- ✓ **Reduces Downtime**  
Just keep wet for 30 minutes, regardless of temperature – once the floor is dry, it's shielded.
- ✓ **Reduces Labor**  
No water, agitation or auto scrubbing required.

## Testing

- Independently lab tested to ASTM D1308, ATSM C 799-05 and ASTM D-1308 standards.



GU  
DENSIFIERS



TYPICAL  
DENSIFIERS

400-600 sqft.	COVERAGE sqft/gal	150 sqft. (based on 2 applications)
10 mm	SURFACE PENETRATION	1-2 mm
30 min	LABOR TIME	2 hrs
Low	COST PER sqft installed	High