

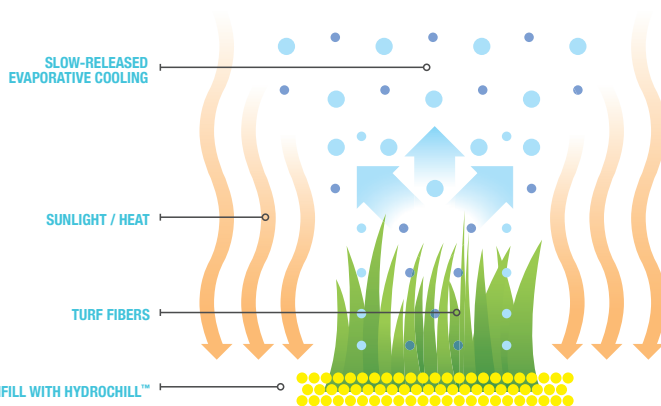


SMART. EASY. COOL.

HydroChill® just got even even easier. A new coated sand formulation has not only increased evaporative cooling performance but accelerates installation efficiencies. The patented formula, unique to Southwest Greens, continues to improve comfort levels on turf by driving surface temperatures down by as much as fifty degrees. Years of R & D testing both in labs and in the field have yielded a solution that is odorless, non-toxic and now, with Bac-Shield, offers superior, organic, anti-microbial properties. **SMART, EASY, COOL.**



877.260.7888
www.southwestgreens.com



HYDROCHILL® COATED SAND

PRODUCT PROPERTIES

- Non Hazardous material under U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard
- Color; clear to slightly yellow in raw form. Cures without coloration
- Odor Threshold; no data available, may notice a slight ammonia odor during application.
- Non-Reactive, Stable Chemical with no potential of hazardous polymerization.
- Conditions to avoid: None. No studies have been found to indicate adverse effects.
- No health effects (Eye, Skin, Ingestion, Inhalation) expected under normative conditions.
- HydroChill coated sand includes EPA registered antimicrobial Bac-Shield. Bac-Shield is derived from naturally occurring organic, renewable resources and provides antimicrobial protection throughout a variety of industries including carpet, garments and health clubs. It provides an additional level of protection against mold and mildew as well.

Overview

HydroChill is an evaporative cooling system that depends upon hydration to recharge this odorless, colorless (when cured) liquid. It is designed to penetrate the infill system and releases moisture thereby cooling the turf system. It has been demonstrated to cool turf by as much as fifty degrees and will last for years depending upon use. All forms of moisture (humidity, dew, rainfall, manual watering etc) are effective to varying degrees. Heat reduction is variable based on proximity of sun, angle of sun, cloud cover, and depth of infill.

Amount of hydration will vary but is essential to activate the cooling system. A slow, penetrating hydration is best and most effective before the heat of the day. A useful guideline is watering with a hose for thirty minutes to approximate ¼ inch of rainfall. MSDS sheets available upon request for both liquid and coated sand formulations.

HYDROCHILL SAND PHYSICAL CHARACTERISTICS

Color	Materials	Mesh Size	Specific Gravity	Bulk Density g/cm ³	Bulk Density lb/ft ³	Porosity	Hardness
Light Brown /Buff	99.5% Silicon Dioxide, HydroChill Home, Chitosan	16 / 30	2.65 lb per cf	1.56	97.4	10-15%	6-8 Mohs
Absolute Volume gal/lb	Krumbein Roundness	Krumbein Sphericity	Acid Solubility	Turbidity (FTU)	Temp Stability (F)	Angle of Repose	Dust
.0450 - .0454	0.8	0.8	< 2.0%	< 250	1400	+/- 30degrees	Negligible

