

100% UNIQUE

The HydroChill system is unique in the industry and is an innovative and patented technology from Shaw Sports Turf. No other company can provide a system that reduces the temperature of the synthetic grass surface up to 50 degrees Fahrenheit.



THE PROBLEM

The synthetic grass is revolutionizing sports fields. However, very high temperatures can define whether you can play or not.

When it's too hot and sunny, the surface temperature of the synthetic grass can rise above 150 degrees Fahrenheit.



For that specific reason, in some regions, due to high temperatures, natural grass may be privileged over synthetic grass, despite the high maintenance costs and the challenges in maintaining a natural grass green and healthy.

THE SOLUTION

HydroChill™ has proven its ability to cool synthetic turf surfaces by as much as 50 degrees.



Available fields 24/7/365

With HydroChill, your synthetic grass will always be available for playing, even during hot days



Decreased burns

HydroChill reduces the risk of burns because the synthetic grass will always be maintained at a temperature suitable to play.



A more comfortable grass

Athletes will feel much more comfortable playing on a synthetic grass that does not burn.

WHAT IS HYDROCHILL?

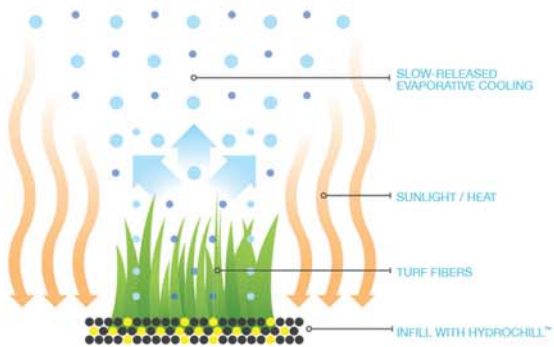
Whether you're gardening in your yard, competing on a sports field or golfing on a putting green, how do you beat the heat when the temperature starts to climb? Shaw Sports Turf unique and patented cooling synthetic turf system known as HydroChill™ is an effective temperature-reducing solution for warm yards, sports fields and putting greens.

HydroChill™ has proven its ability to cool synthetic turf surfaces by as much as 50 degrees F.

100%

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HOW DOES HYDROCHILL™ WORK?

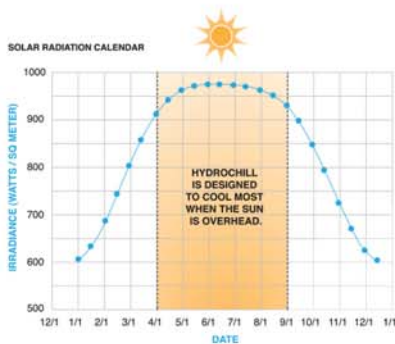
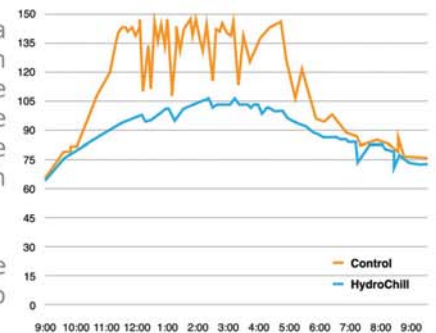


The technology is applied to a synthetic lawn where components react and form a coating on the infill. The lawn is watered to activate HydroChill and then energy from sunlight drives out water, removing heat from the surface leaving a cooler, more comfortable surface for synthetic grass users. While watering alone can result in some cooling, temperatures can rise and quickly exceed uncomfortable levels of heat. The cooling effect of HydroChill Home after rainfall or watering can last days depending on local conditions and is most effective when surface temperatures are hottest.

HydroChill provides maximum benefit when the sun is nearest the Earth. During the summer months the sun is positioned directly overhead causing surfaces to absorb more energy, resulting in hotter temperatures.

Called evaporative cooling, sweating is a natural means of thermoregulation. Evaporation of moisture from the skin's surface has a cooling effect. Similarly, HydroChill has been shown to cool synthetic turf surfaces by working on the same principle. As the turf surface is heated by solar radiation, moisture stored in the HydroChill turf is released. Evaporative moisture removes heat, leaving a cooler, more comfortable surface for the players.

Ambient temperatures outside don't necessarily dictate surface temperatures. The solar radiation time period, sun's angle, cloud cover, wind, and other elements all contribute to the temperature of the surface. HydroChill provides maximum benefit when the sun is nearest the earth.



The research behind HydroChill has been extensive and has been conducted for nearly three years, both in laboratory tests and in real-world outdoor applications. Tests on a variety of surfaces were conducted with thermocouples, an Infrared thermometer and by a certified thermographer with a Forward Looking Infrared (FLIR) camera

- ▶ HydroChill™ is appropriate for year-round applications on a variety of outdoor surfaces.
- ▶ The high-performance characteristics of synthetic turf remain intact with the addition of HydroChill™ technology.
- ▶ Rainfall and other natural conditions do not impair HydroChill's™ cooling effect.
- ▶ HydroChill™ is UV-resistant to prevent fading even after many years of use.