THE SCIENCE BEHIND THE SURFACE

shaw® SPORTS TURF

GEOFILL MOISTURE TESTING

As an organic material, GeoFill is inherently cooler than other synthetic turf infill. The coconut fibers in GeoFill have excellent moisture retention qualities which allow the system to absorb water that is released when sunlight warms the field. The release of water removes the heat through evaporative cooling. The surface will remain cooler as long as there is water present. GeoFill fields have been seen to be as much as 40 degrees cooler than traditional synthetic turf fields.

Testing the moisture of your Geofill infill ensures that you are getting the optimum performance and cooling effects from the product. **Our moisture testing guidelines make this a simple and easy process that anyone can perform.**

GeoFill is the leading natural alternative infill in the synthetic turf market. It is made from completely natural materials that are environmentally friendly. GeoFill is composed primarily of coconut husks and fibers. Coconut fibers are 100% organic and are a rapidly-renewable resource

GEOFILL IN-SITU MOISTURE TESTING PROCEDURE & RECOMMENDED WATERING GUIDELINE

We recommend using the Extech M0210 Moisture Meter for testing the moisture content in the Geofill.

1. Remove the protective cap to expose the electrode pins.
2. The meter will automatically switch ON when the cap is removed.
3. The meter will automatically switch OFF when the cap is replaced.
4. Ensure the material selection switch is set to wood.
5. Push the electrode pins into the Geofill material until the flat portion of the moisture meter is flush with the top of the Geofill level *(see picture below).*
6. Read the measurement and record it in your log.

We recommend a minimum of 35% moisture in the Geofill system for optimum performance. If the reading is 35% or greater (including if the meter reaches its maximum reading), there is no need to add moisture. If the reading is below 35%, we recommend that water be added to the field to increase the moisture content to above 35%. The amount of water that needs to be added will depend on the method and capacity of your watering system. We recommend that after a few minutes of watering, the moisture level is re-checked until the system is above 35%.