



World's No.1 for *Turf Protection*

## What is turf protection? and Why Terraplas?

### What is Turf Protection?

Today's Stadiums & Sports facilities are faced with a unique problem, on the one hand they are expected to maintain the highest quality playing surface, adhering to the most rigorous standards. On the other hand they are expected to draw in sell-out crowds for non-sporting events that can jeopardise the quality of their turf.

There is an obvious distinction between turf protection and a turf cover. It is easy to cover a grass field without consideration for the subsequent condition of the turf, it is however a far greater challenge to be able to cover the field, allowing for a swift change from core events held in the stadium to a concert for example and back again, without compromising the quality of the turf.

### Why Terraplas?

Terraplas products, uniquely, are manufactured from natural virgin translucent High Density Polyethylene, which not only gives a product far superior in strength to any of its competitors, it also allows the light to go through the translucent material, therefore allowing photosynthesis to continue.

The translucent material also has another huge benefit in that it allows the sunlight to penetrate the tile and draws moisture from the ground, forming a moisture canopy on the underside of the tile. When the sun goes in, this moisture condenses and drops back to the ground thus recycling the required water to keep the grass healthy. The turf does not therefore require watering during the period it is covered.



The unique approach of Terraplas in product development is based on using the finest quality materials to achieve the most beneficial conditions for turf protection.

# Testing

To ensure the superiority of all Terraplas products, we invest in the very best design, development, tooling, materials, manufacturing processes and subsequent testing around the World

To prove this superiority we employ the services of various independent testing houses. The School of Mechanical, Aerospace & Civil Engineering at the University of Manchester is one of the only establishments with the equipment available to test to the stringent levels of product strength that we demand.

With regard to testing the condition of the grass after the products have been laid for a period of time, it is necessary to conduct light tests in varying climates and to this end we appointed the STI in Australia, STRI in the UK, and the University of Connecticut in the USA.

This comprehensive Worldwide testing regime clearly put all our products 'light years' ahead of the competition in all environments.

Virginia Tech University Crop and Soil Environmental Sciences department is also currently conducting testing for the National Parks Service on Terraplas products.



Linebacker UK Ltd t/a Terraplas  
The Barn, Hall Farm House, High Street, Castle Donington, Derby. DE74 2PP UK  
Tel: +44(0)1332 812813 Fax: +44(0)1332 853410 Email: terraplas@checkers-safety.com

Terraplas is now part of the Internationally renowned

