

CASE STUDY

Erosion Mats

Project: Russley Golf Club Bunker Reconstruction
Date: January 2013
Client: Russley Golf Club
Location: Christchurch



BunkerMat®

Russley Golf Club borders the busy intersection of Memorial Avenue and Russley Road. The upgrade of Russley Road to a 4 lane highway has required the Golf club to reroute part of the course to accommodate loss of land, without changing the par 72 length. Between February and April 2014, 10 new greens will be reconstructed, so far 6 have been renovated and 7 will remain untouched.

18 holes must be available at all times as per the negotiated agreement, therefore the project has been staged as greens become available and others go into construction. This has created a challenging time for Greenkeeping staff, contractor Grass Ltd and the members.

BunkerMat® sand retention and drainage matting was specified for the lining of all bunkers for the renovation and reconstruction. The areas were excavated and shaped with any debris which could make the surface rough removed. **BunkerMat®** can be laid underneath the bunker edge sod or can be pinned at the top edge. In this project round pipe was used as a border around the edge of bunker to hold sand in place until grass is re-established. The pipe will then be removed and reused elsewhere. Pinning spacing is recommended at no more than 200mm apart.

BunkerMat® minimises sand contamination, minimises bunker face erosion and reduces sand thickness requirements on bunker faces.

BunkerMat® is a true value added system, the reduced maintenance expenses quickly recover the material and installation cost. **BunkerMat®** lined bunkers will contribute hugely to providing first class course conditions at Russley all year round.



Preparing site for BunkerMat installation, Jan 2013



During construction, Jan 2013

The information contained herein is general in nature. In particular, the content herein does not take account of specific conditions that may be present at your site. Site conditions may alter the performance and longevity of the product. Actual dimensions and performance may vary. This document should not be used for construction purposes and in all cases, we recommend that advice be obtained from a suitably qualified consulting engineer or industry specialist before proceeding with installation. © Copyright held by Geofabrics New Zealand Ltd. All rights are reserved and no part of this publication may be copied without prior permission.

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Preparing site for BunkerMat installation, Jan 2013



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How BunkerMat® technology works.

The **BunkerMat®** system for golf courses was designed to retain sand on steep bunker faces.

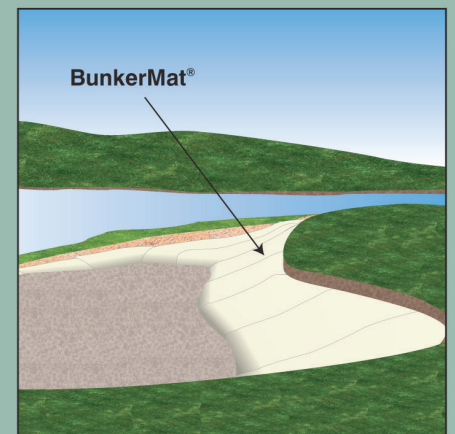
BunkerMat® solves the challenging problems faced by golf course architects who wish to create bunkers with a more dramatic shape and structure, but keep maintenance to a minimum.

The system works by trapping the bunker sand in the fibres and preventing downward movement. Only a 20mm covering of sand is required, which effectively creates a maintenance-free bunker face.

The high tensile strength of the product means the bunker liner can withstand the weight of wet sand without tearing or slumping, and the fibres are UV resistant to prevent deterioration when exposed to sunlight.

Because of the product's flexibility and strength, costs associated with installation are greatly reduced.

BunkerMat® has been so successful it is now installed on numerous championship and public golf courses around the world.



BunkerMat® Installation

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