

# CASE STUDY

Erosion Mats

Project: The Kinloch Club  
Date: March 2007  
Client: Hamilton Golf Club  
Location: Kinloch, Lake Taupo



## BunkerMat®

Steve Marsden, Course Superintendent for The Kinloch Club was searching for a product to maintain the cover of sand on the steep slopes of the bunkers and to act as a separation layer between the sub-grade and the bunker sand.

They were also conscious that poorly draining bunkers would result in lost play and increased labour hours and costs for the green staff.

**BunkerMat®** was chosen after extensive research into the wide range of similar products available and after consultation with other golf course superintendents. Another deciding factor was BunkerMat® being a locally supported product. BunkerMat® also offered a superior sand holding capability thus greatly lessening the need for future maintenance and maintenance costs.

**BunkerMat®** is a three dimensional sand retention and drainage matting, developed for the construction of golf bunkers. The bunker sand is trapped within the specially engineered internal structure of the fibres of the mat which allows the sand to be held on a steeper bunker slope. The open fibre structure of **BunkerMat®** allows internal water movement while the bunker sand particles are retained. Experience has shown that the golf ball will not plug on landing and playability from the bunker is enhanced.

**Megaflo®** panel drain was used for drainage following the USGA specification and guideline. **Megaflo®** is a fully enclosed drainage system with a very high crush strength and a high contact surface area for water entry response. **Megaflo®** offered up to a 75% saving of installation time when compared to conventional golf green drainage.

In addition, the Kinloch site utilised Geofabrics supplied HDPE 1.5mm liner for water storage and feature ponds; and Enkamat, Biomac erosion control and revegetation products.

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Laying of BunkerMat® and Sand



Laying of Megaflo®



The Kinloch Club completed

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