



EROSION CONTROL SLOPE STABILIZATION BALLITO

CASE STUDY

PROJECT:	Santorini Holiday Apartments: Ballito, KZN	DATE:	1998
CLIENT:	Santorini Holiday Apartments	QUANTITY:	1 000 m ²
CONTRACTOR:	Mono-Block	PRODUCT:	MULTI-CELL

The contractor (Mono-Block) approached **Kaytech** to find a solution to stabilize a bank. The site was the Santorini Holiday Apartments in Ballito Bay. There had been a wash-away on an extremely steep slope comprising dune sands. They opted for the 100mm profile **MULTI-CELL** system, not only for its ability to protect and stabilize the slope but also because it is lightweight, flexible and easy to handle on extremely steep slopes.

The **MULTI-CELL** was anchored at the top of the slope in a small sub-soil drain while at the bottom of the slope it was anchored into a Gabion Basket. Each individual 5 x 10m cell was staked randomly with steel stakes. It was quite critical that the soil within the cells be properly compacted to avoid scour during heavy rain.



1. The **MULTI-CELL** being stretched down the slope after the area has been smoothed and cleared.
2. The completed installation showing the steep gradient of the embankment.
3. Anchoring of the **MULTI-CELL** into the Gabions at the bottom of the slope providing additional stability.

