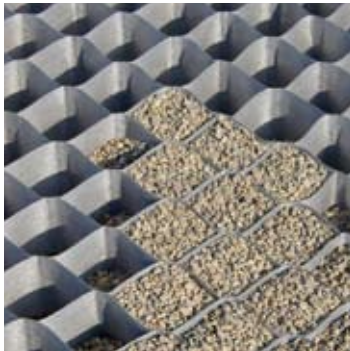


DuPont™ GroundGrid®

A COST EFFECTIVE SOLUTION FOR STABILISING SOFT SOILS

Case Study – Beach Access Way

**Application:**

Access way to the beach

Product:

55mm x 50mm, ca. 200 sqm

Filling material:

Crushed stones from local quarry
Size 0/16 mm

Timing:

April 2009; 1 Day



The aim of this project was to build an access way to the beach that would be suitable for people with limited mobility to easily reach the water edge. Without a stable path, wheelchairs (or toddlers' prams) would get stuck in the fine sand of the beach.

These were the installation steps:

1) Compression of the subbase



2) Next a Typar® geotextile was rolled out onto which GroundGrid® was then laid down. The geotextile prevents the filling material for the cells (crushed natural stones) from sinking down into the sandy subbase.



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Case Study – Beach Access Way



3) The grids were in-filled with stones by hand.

The width of this access way is 1,25m.

The quick and easy installation procedure was one of the reasons why DuPont™ GroundGrid® was chosen for this project.



4) The last installation step involved covering the grids with a top layer of sand so that the access way integrates smoothly into the beach panorama.



The stone layer was compacted one more time to ensure the cells were completely filled.

Because of the reduced height of the system, the sand cleaning machines which work at night are able to pass over the installed structure without any problems.



5) After only a single day of work the access way was ready to be driven on.

At the end of the season the access way will be removed and the grids will be stored away in folded form until the following year.

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