

ACEMat™ R Used for Steep Slope Revegetation near Reservoir Area

◆ Problem

Yonghe Shan Reservoir is located between Toufen, Miaoli City, and Sanwan Township. The location of this project is a road along the outside of the reservoir. Due to the slope nearby this road section is soft soil and was excavated at the toe of slope for the road construction, it causes the soil loss and the fallen topsoil. Therefore it becomes a dangerous section for passers-by.



◆ Solution

This project applies anti-erosion ACEMat™ R to pave on the slope and the rhombus grid to prevent the rock fall. ACEMat™ R and the rhombus grids are anchored on the slope, which is enhanced the anti-erosion and stability by this method. Meanwhile, we also use the hydro-seeding method to restore the vegetation in order to create a green environment. Using ACEMat™ R can improve effectively the slope stability and the vegetation status.

