

Green Roof Solution Vulcano Buono Shopping Mall

Location: Nola (Naples), Italy
 Project owner: Interporto Campano – CIS
 Product type: Enkadrain 5006H/5-2s/T110PP
 Enkamat 7018W/5/55.30PET
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 Quantity: 66,000m²/ 50,000m²/
 45,000m²
 Date 2007

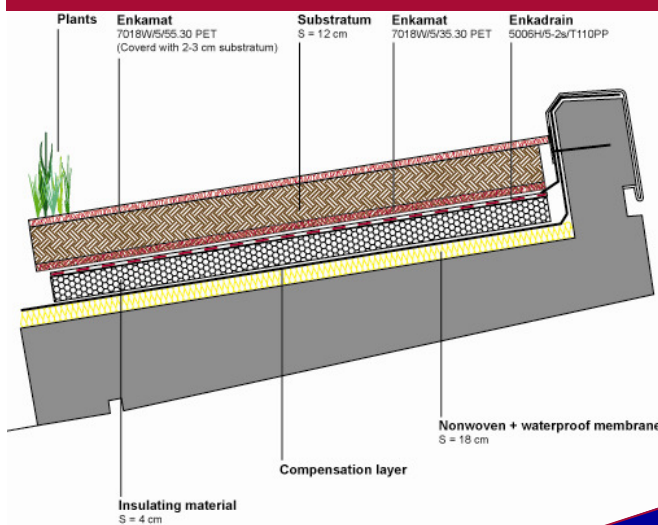


Vulcano Buono Shopping Mall near Naples opened its doors in December 2007 and now hosts 160 shops on over more than 300,000m². Designed by Architect Renzo Piano, this impressive complex has a roof that imitates the shape of the nearby Mount Vesuvius volcano, thus requiring a very special structural design.

To integrate the building in the surrounding scenery, the designer and contractor needed to find efficient ways to vegetate the roof. In close co-operation with Renzo Piano, Colbond partner Harpo spa developed a solution featuring Enkadrain drainage and an Enkamat grip layer to create a foothold for soil and plants.

The Enkamat variant was tailored to suit the specific demands of this project, providing reinforcing grids of two different strengths. The great UV stability, which all polyamide Enkamat types have in common, was another benefit; ease and speed of installation were also contributory factors in the selection.

Installed on most sections of the roof, Enkadrain drains excess water seeping through the soil overlay thus keeping the roof construction dry.



The information set forth in this case study reflects the best knowledge at the time of publication. The case study is subject to change pursuant to new developments and findings. The same reservation applies to the properties of the products described. No liability is undertaken for results obtained by usage of the products and information.



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