

Project Report

Winery Ramón Bilbao, La Rioja 



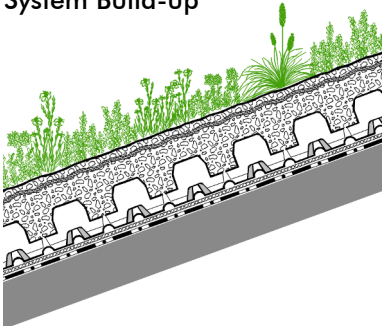
The green roof and the vines in front of the building have developed wonderfully in the 3 years since they were planted, creating a unique and inviting ambience.

Conception

Founded in 1924, the winery Ramón Bilbao is located in the famous Spanish wine-growing region of La Rioja. In 2017 it was expanded from around 4.500 m² to more than 21.000 m² as part of an extensive renovation. One of the key aims was to "bring the vineyard closer to the winery". At the same time, the architecture was to be made more attractive for the more than 10.000 visitors to the winery every year. Visitors should be immersed in the landscape of the vineyard as soon as they arrive. The roof of the entrance building was

therefore planted with typical vineyard vegetation and the numerous vines in front of the building leave no doubt as to where you are. Due to the barrel shape of the roof, the tried and tested pitched roof systems with FS 75 in the less steep areas and Georaster[®] in the steepest areas of the roof were used for the greening. This prevents the sub-strate from slipping. The considerable shear forces due to the size of the pitched roof are safely transferred into the roof structure by concrete shear barriers.

System Build-up



Vegetation layer
System Substrate
Floraset[®] FS 75
Protection Mat BSM 64
Roof construction with root resistant waterproofing

Plant Development



Good irrigation is important during the vulnerable growth phase after the initial planting in 2017. In steeper roof areas, the driplines are attached to separate lattices.



Just one year later, the plants are well established and have developed into a dense carpet of plants.

Project data

Area: ca. 2,000 m²

Construction Year: 2017

Client:
Bodegas Ramón Bilbao, Haro (La Rioja)

Roofing Contractor:
PERICA - obras y Servicios S.A,
San Asensio (La Rioja)

System build-up:
"Pitched Green Roof" with Floraset[®]
FS 75 and "Steep Pitched Green Roof"
with Georaster[®]

Coordinates:
42°34'11.7"N 2°51'39.3"W

Installation



Stable shear barriers were concreted onto the roof and sealed in order to transfer the shear forces into the roof structure. The Protection Mat BSM 64 was laid on top of the root resistant waterproofing



Floraset[®] FS 75 and Georaster[®] elements were installed in the the pitched and steep pitched



In 2018 the vines were planted in front of the building.

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Life on Roofs