

International Green Roof Association Global Networking for Green Roofs



Project Data

Project:	Bruuns Galleri
Client:	-
Location (City, Country):	Århus, Denmark
Year of Construction:	2003
Roof Size:	1,600 sqm
Building Type:	Shopping mall
Green Roof Type:	Extensive
Vegetation:	Sedum
Architect/Designer:	Centrumtegnestuen, Århus
Contractor:	-

“Bruuns Galleri”

An area of approximately 1,600 sqm was installed in 2003 with a partial green roof construction. The location of the roof area is over a shopping mall in the city centre of Århus. The roof area is equipped primarily with technical systems as well as skylights and was a driving factor for a simple design of the roof area. Two different shaped strips alternate between beach stones and granite as well as sedum vegetation.

After modification of the original plan to install pre-cultivated vegetation mats the vegetation area was divided into three different and alternating zones with differing blossom colours.

One challenge for the installation the green roof on the 10 m high shopping mall was the wind uplift. The building is located in close proximity to the harbour and the adjacent building was around 50 m high. To prevent the green roof system build-up from being blown off, a wider vegetation-free area made of granite and beach stones was installed to provide ballast at the edge areas. The vegetation free, ballast area was incorporated into the design of the entire roof area.

