

International Green Roof Association Global Networking for Green Roofs



Project Data

Project:	Australiëgebouw
Client:	-
Location (City, Country):	Amsterdam, the Netherlands
Year of Construction:	2005
Roof Size:	550 sqm
Slope:	1% and 40%
Building Type:	Office building
Green Roof Type:	Intensive
Vegetation:	Lawn and trees
Architect/Designer:	DKV Architecten Rotterdam
Contractor:	Roosendaal Landscaping

“Australiëgebouw”

This green roof project was part of a renovation of the 19th century warehouses located on the waterfront of “Het IJ” in Amsterdam. The old warehouse “Australië” was integrated into a new residential building and on a portion of this new building the green roof was created. The green roof includes a flat section with trees and lawn and located approximately 5 meters above ground level. The flat lawn then changes appearance into a very steep lawn which stops at an upper wooden terrace. The steep lawn was the biggest challenge in this project during the planning phase as well as during the building phase. To make sure that the grass has enough nutrition and water, the green roof contractor planned together with the engineers of ZinCo Benelux a system build up with two layers of ZinCo Georaster. The lower layer of Georaster was filled with a mineral substrate and the upper layer was filled with a richer substrate for intensive green roofs. On top of these two layers the sod was attached to the Georaster elements. This is necessary for the first period until the roots of the grass have established a natural fixation in the substrate. Now the biggest challenge is mowing the lawn!



ZinCo Benelux is a supplier and adviser of ZinCo Green Roof Systems in Belgium, Luxembourg and the Netherlands. The ZinCo Green Roof Systems provide clients with complete system build-ups for every type of Green Roof. The product range

includes: extensive Green Roofs with rockery type plants, flourishing roof gardens as well as Green Roofs in combination with walkways and driveways.

