



Carpobrotus glaucescens
PIGFACE

Barangaroo Pier Pavilion
Sydney, Australia

Status
In Construction
Site area
400 sqm

A project of micro scale and massive impact - the Barangaroo Pier Pavilion's language speaks of connecting with the land, sea, and sky. Our ecology and landscape design supports and further strengthens these connections by celebrating and promoting the natural world.

The Pavilion is softly fringed with a vegetated roof that covers the entire building. It is approximately 400 m² in area, is supported by vertical columns, and falls from the oculus at the centre to the building's outer edges. The building's roof is exposed to Harbour winds, sun, and rain, and is constructed using shallow layers of free draining planting media. Importantly, the roof has provided us with an opportunity to connect our site with locally significant habitat zones – native bees and pollinating butterflies are attracted to the flowering herbs and grasses we have planted on the roof, and to the shallow pools of fresh water that will collect when it rains.

A second green roof area sits atop the Cella, which is an indoor room beneath the Pavilion's main roof. The proximity of the Cella green roof to the Pavilion roof above creates a more sheltered, low light environment, and so suits a planting palette of shade tolerant plants with a higher water requirement.

The green roofs serve to invite the community to reimagine the rugged shorelines that were once here. Viewed from the balconies of the surrounding tall buildings, we are invited to consider the connection from here to the harbour islands and across to the north shore, just as a migrating bird or seabird would. Up closer or viewed from street level, its possible to catch a glimpse of these birds, as they come down to roost or forage.

We are using technology to engage and educate the community through the use of specific techniques such as signposting, storytelling, and live feed cameras that point at the green roof. This allows the community to monitor the seasonal changes in foliage, flowers, and urban wildlife that thrive here – citizen science lives here too.

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