

Palma Aquarium

Palma de Mallorca, Spain

Facades



Project Details

Owner

Palma Mallorca Acuario

Architect

Bartolomé Blanch Carrió

Sto Product

StoVentec® Glass
Ventilated Rainscreen®
cladding system

Facade system meets eco system

"Aquarium" appears to be a sheer understatement for the structure in Palma de Mallorca, located in the western part of Playa Palma. Erected in 2007 on a site of 42,000 m², the building complex accommodates 55 aquariums, each a living marine ecological system. Around 8,000 specimen of more than 700 different marine creatures from the hammerhead shark to the sea cucumber splash about in 5 million liters of water – a conservation of endangered species of marine fauna and flora. Even the architecture gives the impression of a living organism, instead of a rectangular geometry with edges and corners, it is organically and dynamically bent in its structure. This posed a real challenge with regard to the facade system, but it was mastered by using a StoVentec® Glass Rainscreen®. The system proved to be an ideal solution in this unusual context, because the even, rectangular elements can also be employed in bent and "sweeping" layouts. Manufactured in custom sizes, the colored glass panels are fixed to the rear side thanks to their non-visible StoVentro™ Agraffe profiles allowing for a visual flow of color and curve.

