

Blue Voyage

Ceramic feature walls by Studio RAP for Jumeirah Marsa Al Arab, Dubai

Studio RAP designed and produced two large-scale ceramic walls for the entrance lobby of **Jumeirah Marsa Al Arab**, a new luxury hotel in Dubai. Positioned on either side of the entry, the walls define and frame the approach into the building, creating a calm yet expressive moment of arrival.

The project, titled *Blue Voyage*, takes its inspiration from the nearby Gulf. The curved forms recall the movement of waves, while the surface patterns become increasingly intricate up close, revealing flowing lines and layered ridges that interact with light and shadow throughout the day. The walls are finished with large, specially designed corner tiles that wrap the pattern seamlessly around the edges, reinforcing the sculptural character and spatial clarity of the installation.

Each wall measures 6 metres high and 9 metres long. In total, Studio RAP designed and 3D printed around **900 unique ceramic tiles**, each one generated parametrically and produced in-house at the studio's facility in Rotterdam. This method allowed for full control over form, fit, and material quality across the entire installation.

Blue Voyage is **one of the largest 3D-printed ceramic architectural installations** in the world. It reflects Studio RAP's ongoing work in combining computational design with high-performance craftsmanship, using advanced fabrication techniques to bring expressive, durable, and site-specific elements into architecture.

Project Details

Project Name:	Blue Voyage
Location:	Jumeirah Marsa Al Arab, Dubai (UAE)
Client:	Dubai Holding Real Estate
Designer:	Studio RAP
Architect (main building):	Killa Design
3D Ceramic Printing:	Studio RAP
Firing and Glazing:	Royal Tichelaar
Photographer:	Studio RAP / Riccardo De Vecchi