

Private villa by the sea

Bodrum, TR



Project details

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| Client | Private |
| Architecture | Foster + Partners |
| Project type | Residential construction single-family home |
| Construction type | Free Form |
| Services | General contractor services (GC) |
| Construction | 2017 |
| Locality | Bodrum |
| Country | Turkey |

Jewel of the Turkish Riviera

In collaboration with the world-renowned architecture firm Foster + Partners from London, we built the sweeping roof construction for a private holiday villa in south-eastern Turkey. Its spectacular view of the Aegean Sea was a key consideration in the architectural concept. The undulating roof is its signature stylistic feature and allows the villa to blend in harmoniously with its surroundings.

The sensational undulating roof is in free-form timber construction. This enabled a significantly lower roof weight and construction time compared with a concrete structure. The primary beams of the 1,600 m² structural support system are made from beech and oak, with secondary beams made from spruce in between. The rounded and partly contoured roof edge beams in oak are particularly striking. All visible undersides are also made from oak.

The roof truss was dismantled into five sections for transportation and reassembled on the construction site. The roof cladding was also transported to its destination in sections. Once bent into the right shape on the construction site, these elements were assembled into a disc to reinforce them.

In terms of production, the objective during planning and parametric preparation was to be able to construct as many straight elements as possible. However, the increasing undulation of the roof from back to front means that the waves have a different shape all over the roof.

Specific Contact



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Private villa by the sea

Bodrum, TR



Private villa with pool



Impressive roof construction in oak



View from the terrace of the lake



The pool in an evening setting

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Bodrum, TR



Spacious interior with sea views



Stylish interior design



Striking timber forms create design highlights.