

Tenerife Auditorium

The Tenerife Auditorium is a noteworthy building. The main elements of the building are the auditorium itself and a very large winged element. The structure of the auditorium consists of a circular shell and some shell elements which laterally and partially cover its roof. The large wing starts on the seaward side and rises, supporting itself on the roof of the auditorium and continues as a "flying" cantilever up and over it.

The roof of the auditorium has been built using a free cantilever system of climbing formwork. The lateral shells have also been built with a system of climbing formwork but of larger dimensions. Finally, the wing that "flies" over the auditorium has been built with a composite structure.



Spain /2003 Project data

Structural type:
Reinforced concrete structure
Location:
Tenerife. Canary Islands
Opening date:
September 28th, 2003
Architect:
Santiago Calatrava Valls
Constructor:
Dragados Obras y Proyectos NECSO
Scope of Works:
Construction Project and
Technical Assistance