

Terminal 2 Concourse A (T2A) at Heathrow

Terminal 2 Concourse A (T2A) phase 1's construction is almost finished at Heathrow. It is a building that has been sized such that, in its final configuration, and together with T5 and the refurbished T3 and T4, will allow the airport to accommodate c.90 million passengers per year. As such, T2A will form part of a family of high quality facilities at Heathrow, the biggest airport in one of the world's greatest cities, London.

T2A is a 6 storey building comprising approximately 200.000 sqm of floor area (in phase 1), and upon completion of phase 2, will handle one third of the total passenger flow at Heathrow.

Conceptually it is a steel framed building, and its outstanding features are the undulated roof and clear lined hanging façades, both of which have been built joint-free comprising more than 200m long. Additionally, every element of the structure has been chosen bearing in mind the time-schedule, worksite and environmental conditions, each of them extremely tight in this case.

Fhecor Ingenieros Consultores has provided the full scope of professional services for the entire building, fully integrated within a complete team located in the project's office in Madrid and London, where Ferrovial Agroman put together a multi-disciplined design team which was responsible for the on-time delivery of the project.



UK/2013

Project data

Structural type:
Steel frame with composite slabs.
Lightweight roof 18x18 m span
vierendeel trusses, "Sharks Gills"
shaped. Hanging façades.

Location:
London

Date:
2013

Architect:
FVA (Foster + Partners &
Vidal y Asociados arquitectos)

Client:
Ferrovial Agroman

Scope of Works:
Conceptual design to site completion