

PROJECT 8810 SNAPSHOT

Aircraft Hangar & Hangar Doors, Indonesia



FULLY UKCA COMPLIANT FOR EXECUTION CLASSES 1 TO 4 • ISO 9001:2015 • ISO 14001:2015 • BS EN ISO 45001:2018 • BS EN ISO 3834-2:2021
JOHN REID & SONS (STRUCSTEEL) LTD trading as REIDsteel & REIDglazing • Company Registration No: 617773

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Aircraft Hangar

Dorset-based structural steel firm John Reid & Sons Ltd (REIDsteel) designed, detailed and fabricated this aircraft hangar at Simpang Empat Bandara - International airport, Batam, Indonesia.

The hangar contains 1200 tons of steel and is 165m long with a 97m span. It is 17.5m to the underside of the truss and has an overall height of 25.5m.

There are hangar doors on each side of the hangar and these feature 10 independently powered leaves on 5 tracks. Maximum clear opening is 77.5m at one end.

REIDsteel Elements

Conceptual Design	✓
Structural Design / Detailing	✓
Fabrication	✓
Erection sequence advisor only	✓
Roof & Wall Cladding	✓
Ridge Vents	✓
Permanent Edge Protection	✓
Hangar Doors	✓
Personnel / Entrance Doors	✓

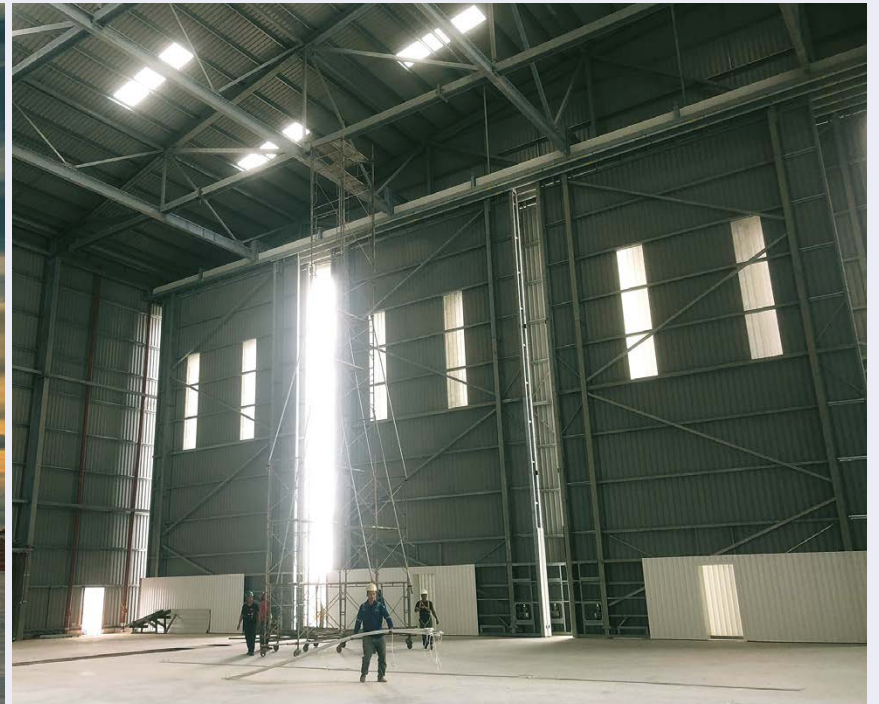


Construction images:

The hangar is designed to accommodate 6no Airbus A320s. The sheer scale can be appreciated when looking at the personnel, plant and aircraft.



The hangar doors - hanging of the frames, cladding and finished.

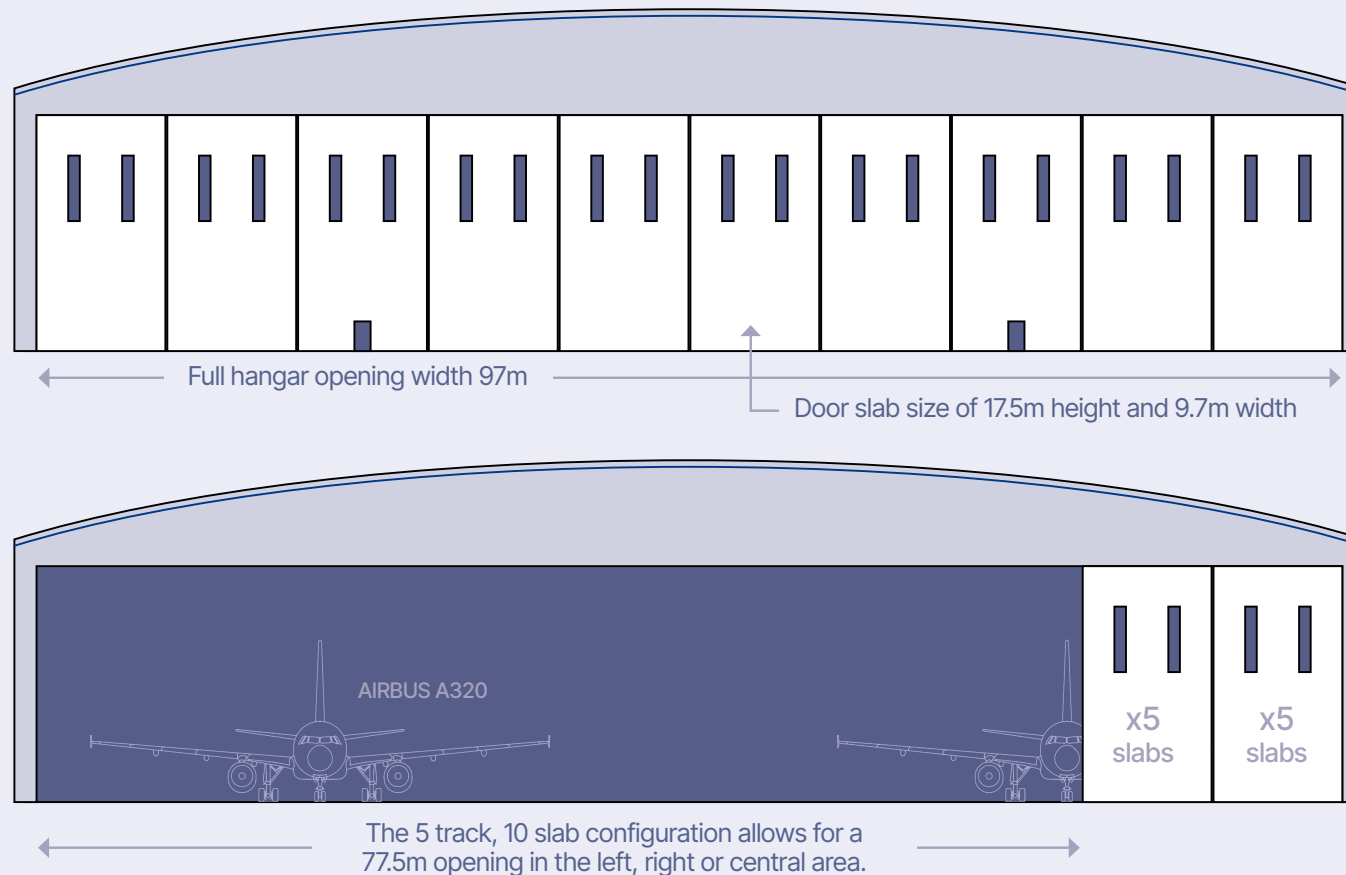






Hangar door and door track configuration for this project

This hangar features identical hangar door configurations on both sides



REIDsteel are experts in the design, fabrication and erection of the following:

Aircraft hangars & hangar doors

Industrial and warehouse buildings

Commercial and office buildings

Retail superstores

Waste processing and recycling buildings

Steel bridges

Car parks

Grandstands & stadia

Reservoir covers

HVM security gates and barriers

Commercial glazing and solar shading

REIDsteel

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Reference	Revision
G64	C