



Domus III Hangar, Farnborough Airport



07

Sector
Retail &
Commercial

Products
Marlon
Clickfix VF

Domus III Hangar, Farnborough Airport

Location

Farnborough

Product

Clickfix VF

Hangar Door Contractor

Jewers Doors

Main Contractor

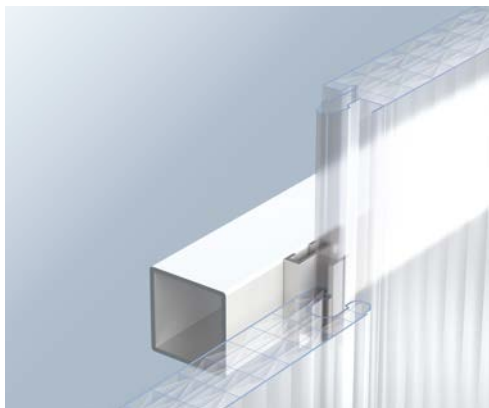
McLaughlin and Harvey

Architect

Gebler Tooth

Quantity

2,916m²



Clickfix sliding doors elevate daylight at Europe's leading airport for premium travel.

Farnborough Airport, a leader in premium air travel, has opened Domus III, a state-of-the-art 175,000 ft² hangar facility which has set a new benchmark in aviation hangar infrastructure, with sustainability at the very heart of its modern, progressive design.

In 2022, Farnborough Airport embarked on a bold £55m investment programme, to significantly enhance its infrastructure by developing a striking 300m long, four-bay, hangar facility, increasing the Airport's overall hangar capacity by over 70%.

The design of Domus III incorporates several sustainable features, including an intelligent lighting system, with daylight dimming to reduce electricity use and translucent automated doors that stretch the entire length of the building, optimising natural light inside the hangar and reducing lighting usage.

Marlon Clickfix formed an integral part of each of the 32 door panels, which were expertly installed by Jewers Doors, are 10.6m high by 7.3m wide, glazed with Clickfix VF90 clear glass polycarbonate and framed in powder coated aluminium.

These invite daylight to flood inside the hangar reducing the need for artificial lighting. The large unhindered access provided by the door design improves aircraft manoeuvrability, helping to reduce emissions from aircraft handling activities.

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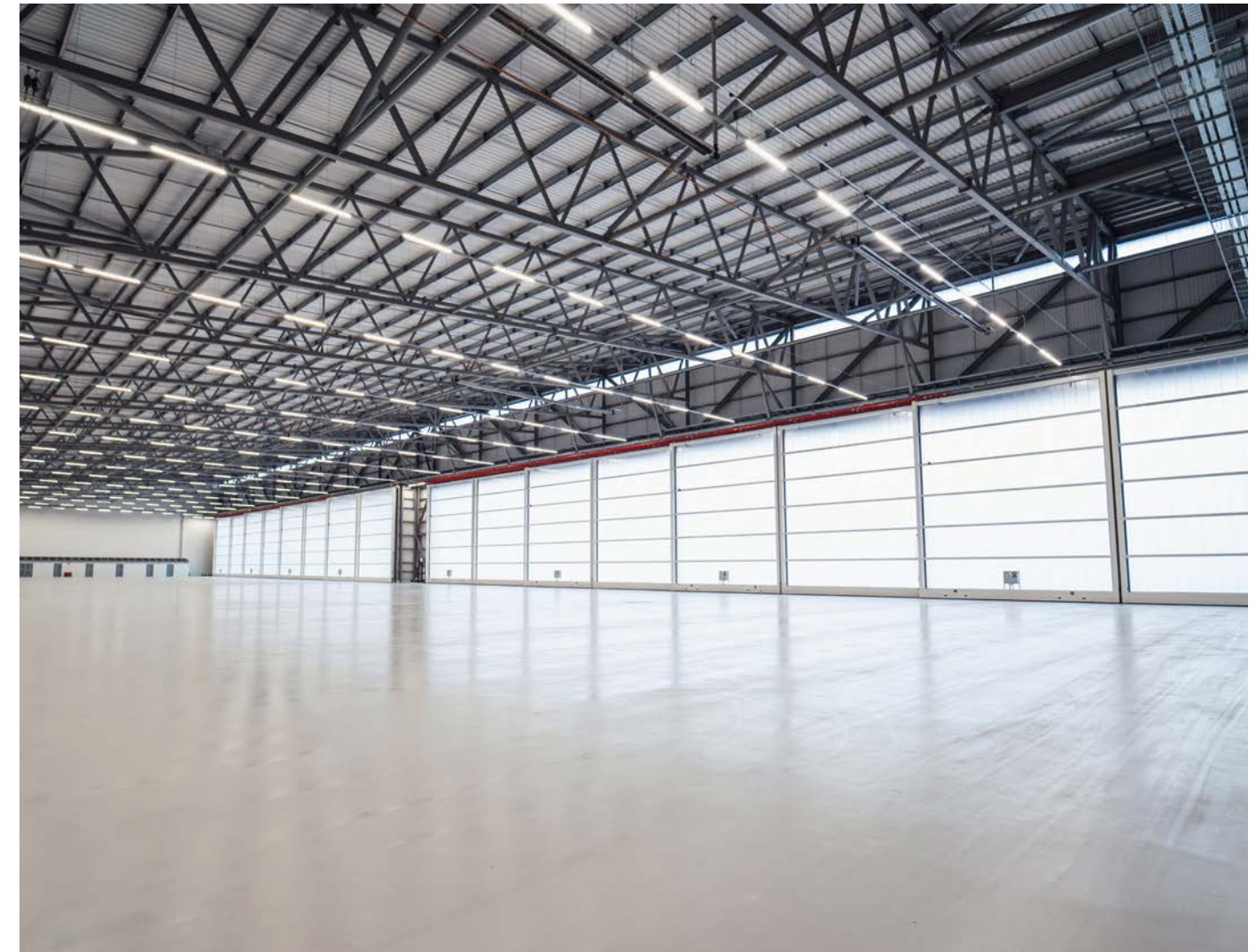
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Domus III represents a monumental leap forward in aviation hangar technology, setting new standards in the industry with a state-of-the-art facility that not only cements Farnborough Airport's position as London and the South East's premier hub for air connectivity, but also reflects our commitment to drive environmental performance across every part of our business.



It is an incredibly proud moment for us and marks an extraordinary milestone in the history of the Airport and the local area. We eagerly anticipate the positive impact it will have on attracting increased economic activity to the region.

Simon Geere, CEO,
Farnborough Airport



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Technical Specification

**Marlon
Clickfix VF**

U Value

Sheet - 0.99W/m²K
Total wall - 1.3w/m²k
(complete door system)

Light Transmission

52%

Fire Classification

B-s1, d0 to EN13501-1

Spanning

Purlin ctrs 1.635m,
max load 1.82kN/m²

Air Permeability

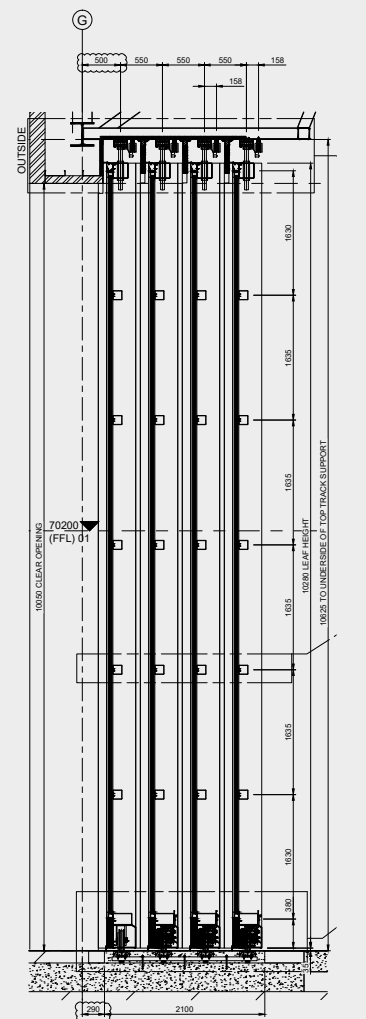
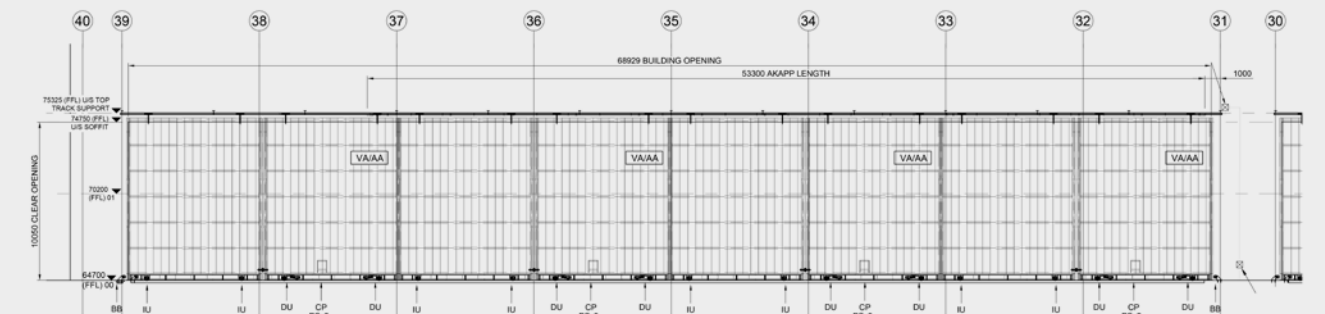
0.18m³/h.m² +/-50 Pa

Sound Reduction

Rw 22dB



Product Application



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