

AirLink

bespoke ▪ rapid ▪ integrated



Architectural walkway links

Fully manufactured offsite for rapid installation

Integrated design

Ideal for airports, schools, rail stations,
ferry ports, retail outlets and hospitals

Architecture

AirLinks utilise contemporary architecture and technology, and have been developed specifically for 21st century airports. The units include full acoustic and thermal installation to ensure a controlled internal environment. What's more, a unique connector frame allows separate modules to be connected together, to give a walkway of indefinite length.



AirLinks have been designed in accordance with Eurocodes BS EN 1990, 1991 and 1993, and CE marked in compliance with BE EN 1090.

The concrete floor ensures compliance with SCI P354 "design of floors for vibration: a new approach 2007" and the Concrete Centre "a design guide for footfall induced vibration".

The fixing of the glazing panels are detailed to give resistance to blast loading.

Specifically within aviation, AirLinks comply with BAA specifications.

Integrated Design

AirLinks have a robust steel structure crafted to directly receive composite cladding, roofing and glazing. AirLinks are a fine example of lean construction; they contain no secondary steelwork or flashings. Building services are fully integrated within the internal fit out:

- Lighting
- Heating / air conditioning
- PA system
- Fire detection / alarm



- Interchangeable double glazing and composite cladding
- Designed to accommodate ramp gradients up to 1 in 20
- Spans up to 28 metres

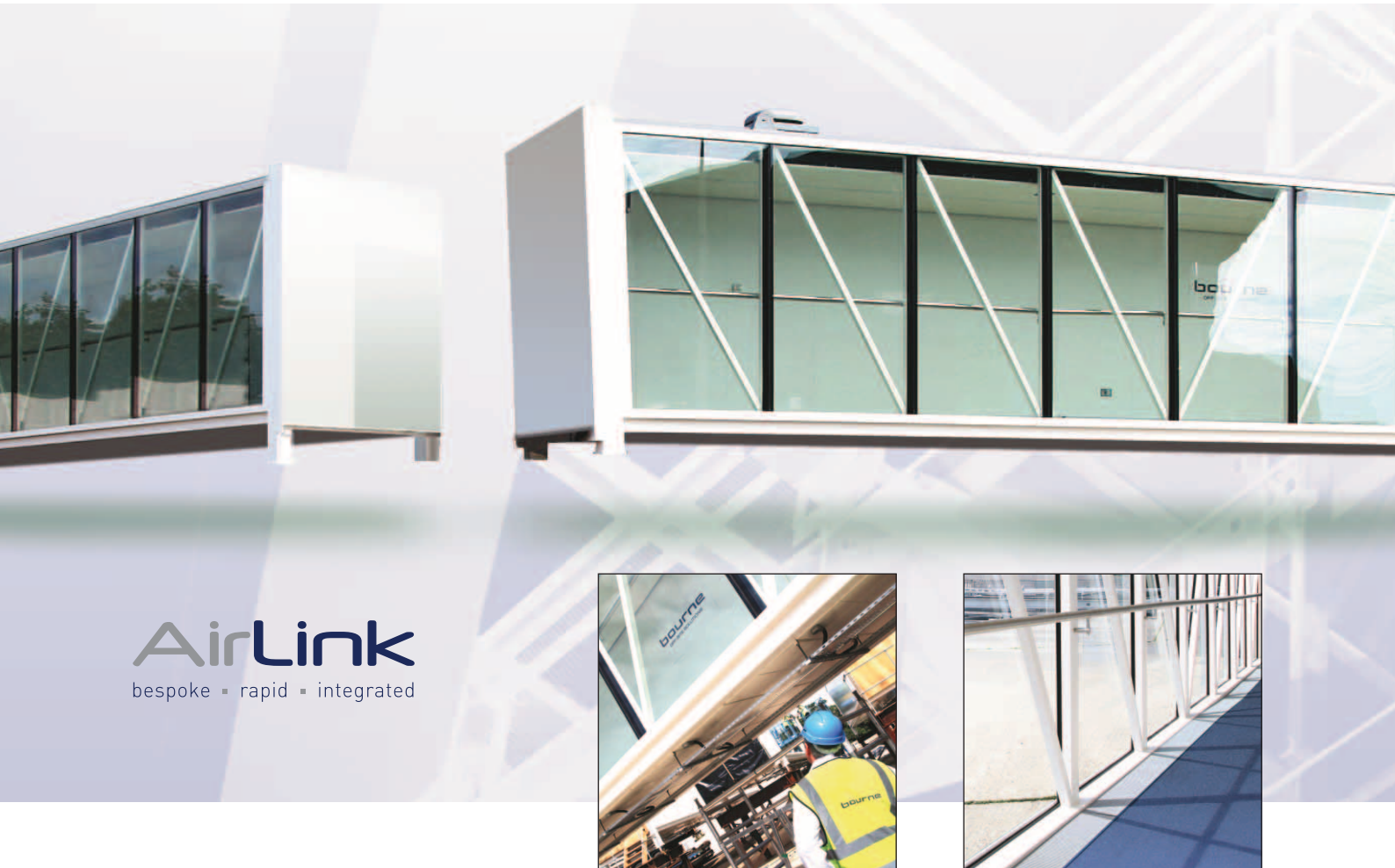
Maintenance access for building services is achieved via lockable hinge down ceiling panels. Plug and play electrical services directly connect the units with the minimum of site work.

Rapid Installation

AirLinks are delivered and installed within the same day and the robustness of the units makes them suitable for global transportation. AirLink's unique connector frame allows for simple interfacing with the host building, and units can be interlinked and sealed using a special movement joint.

Customisation

AirLink's current design can be adapted to accommodate any span up to 28m, although this can be modified for greater length or width if necessary. There are a range of finishes and colours to ensure AirLinks are bespoke for your project.



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The specification of the building services can be adapted to the environment and climate. Canopies and/or brise soleil can be installed for sunlight or rain protection. Insulation and shading can also be modified where necessary.

A series of AirLinks are currently being installed at the new Terminal 2 at Heathrow Airport, although the units can be adapted for schools, universities, hospitals, rail stations, ferry ports and retail outlets.