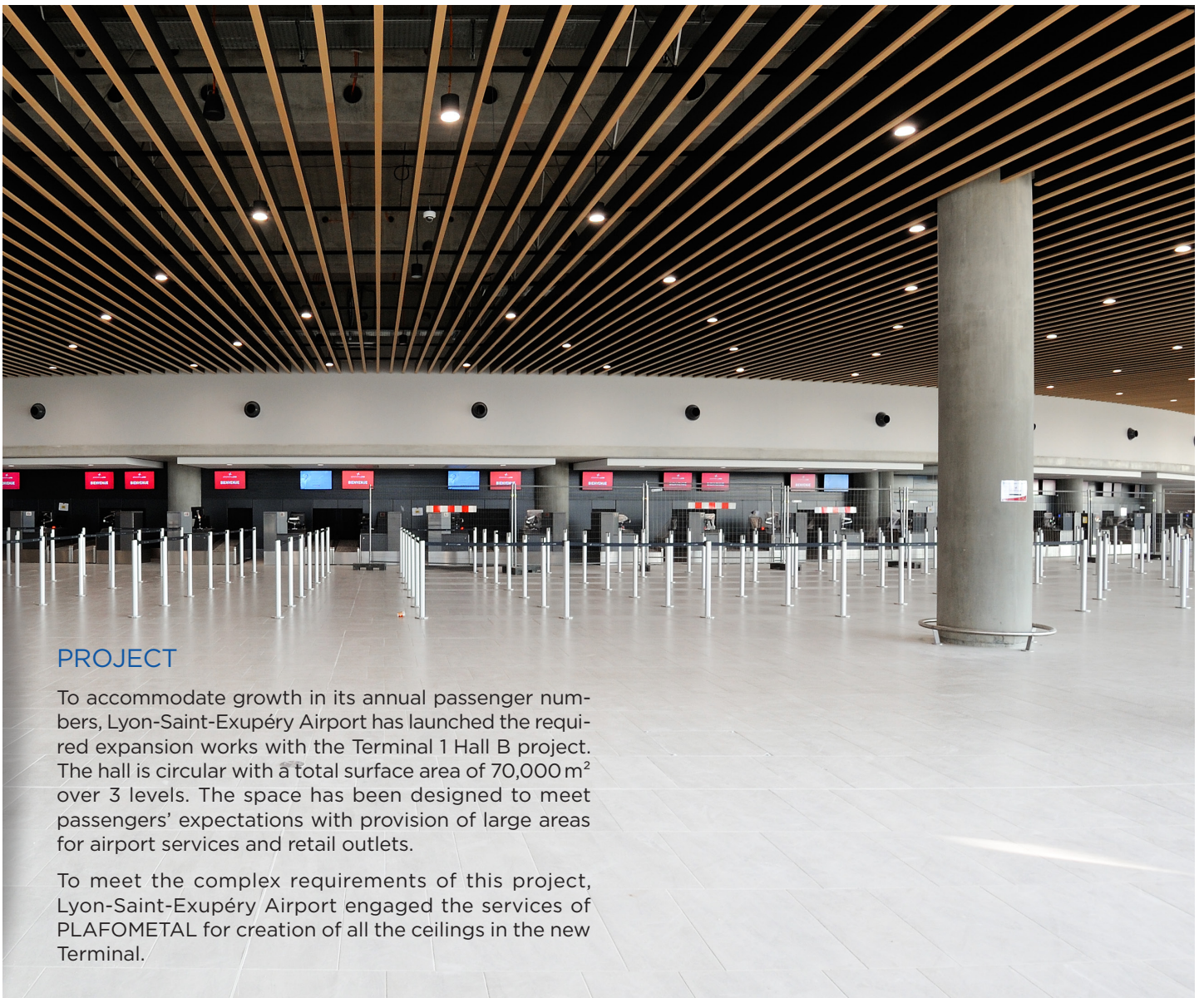


Lyon-Saint-Exupéry Airport France





PROJECT

To accommodate growth in its annual passenger numbers, Lyon-Saint-Exupéry Airport has launched the required expansion works with the Terminal 1 Hall B project. The hall is circular with a total surface area of 70,000 m² over 3 levels. The space has been designed to meet passengers' expectations with provision of large areas for airport services and retail outlets.

To meet the complex requirements of this project, Lyon-Saint-Exupéry Airport engaged the services of PLAFOMETAL for creation of all the ceilings in the new Terminal.

CUSTOMER REQUIREMENTS

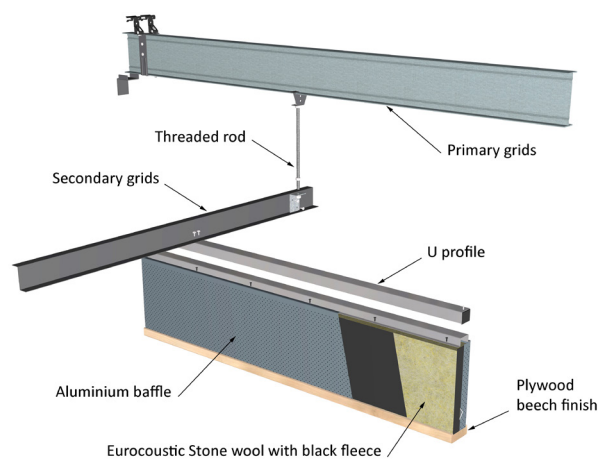
- Aesthetic solution
- Acoustic comfort
- Easy access to the plenum for maintenance

OUR SOLUTIONS

- Plafometal's customized solution comprises metal acoustic baffles with wood finish. The product was developed to meet the acoustic requirement for this project while also providing a contemporary look. For the connection with the glass facade, connecting blind box trims were also made to measure in order to follow the shape of the glass.
- As well as the customized solutions, various standard Plafometal ceilings were installed in the departures and arrivals terminals.

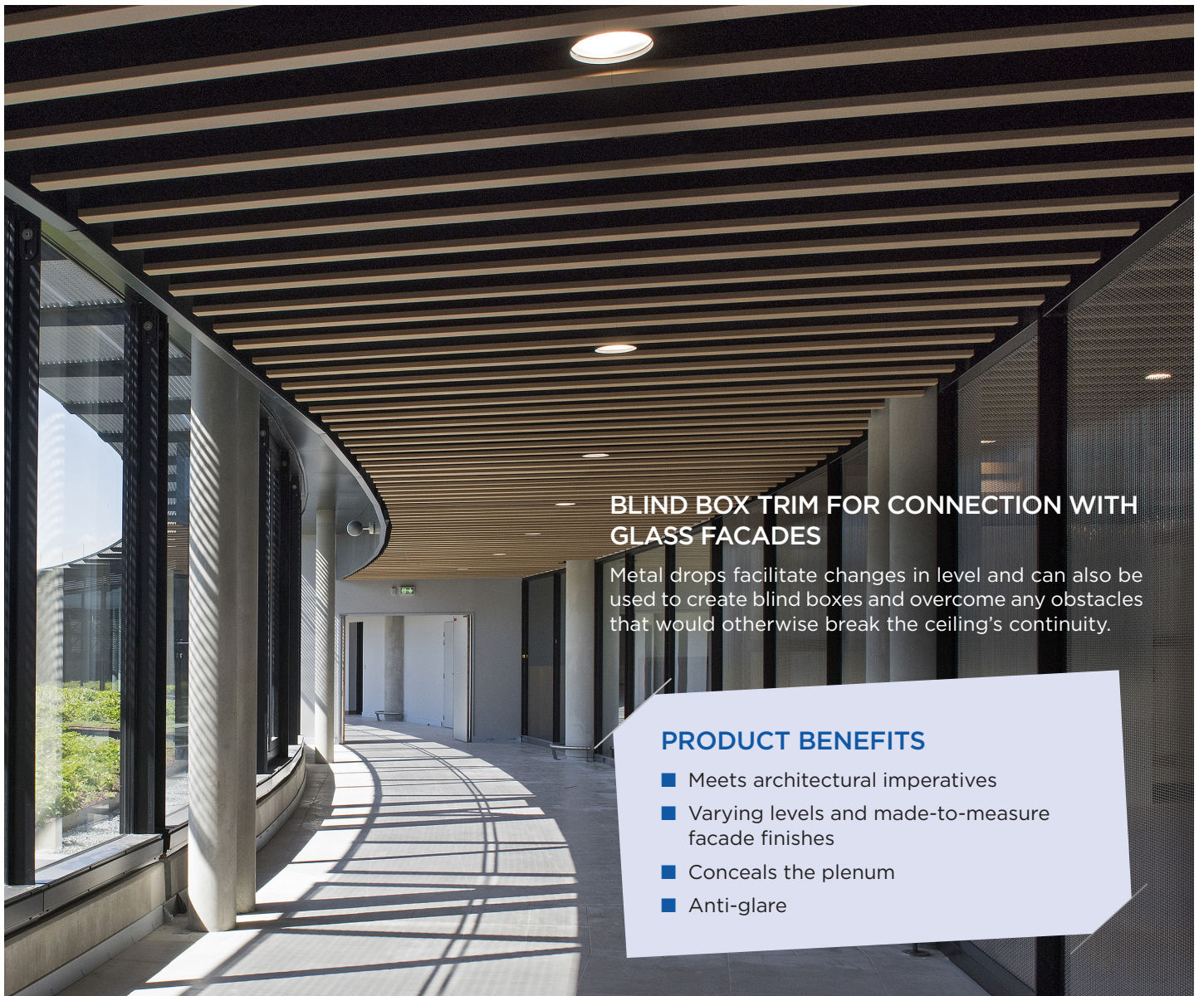
METAL ACOUSTIC BAFFLES WITH WOODEN TAILS

The perforated aluminum baffles in anthracite grey (23%, Ø2.5 mm) incorporate Eurocoustic stone wool with black fleece on both sides. There is a plywood beech finish on the underside of the baffle. The assembly is suspended on a grid designed especially for this system. Male/female sealing strips ensure perfect alignment.



PRODUCT BENEFITS

- Provides acoustic correction
- Linear contemporary look
- Constraint-free installation: variable spacing and heights for optimal space saving and natural light

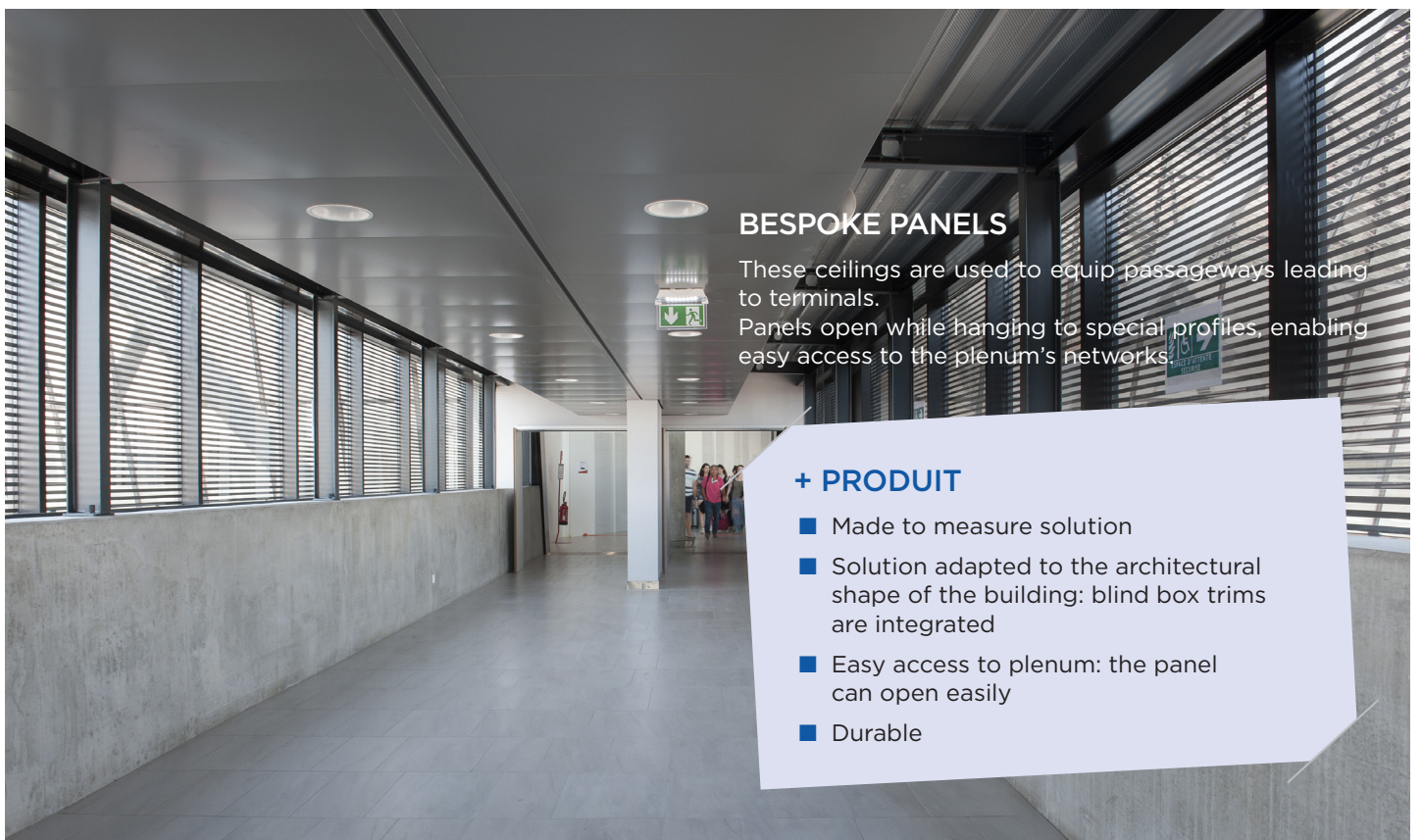


BLIND BOX TRIM FOR CONNECTION WITH GLASS FACADES

Metal drops facilitate changes in level and can also be used to create blind boxes and overcome any obstacles that would otherwise break the ceiling's continuity.

PRODUCT BENEFITS

- Meets architectural imperatives
- Varying levels and made-to-measure facade finishes
- Conceals the plenum
- Anti-glare



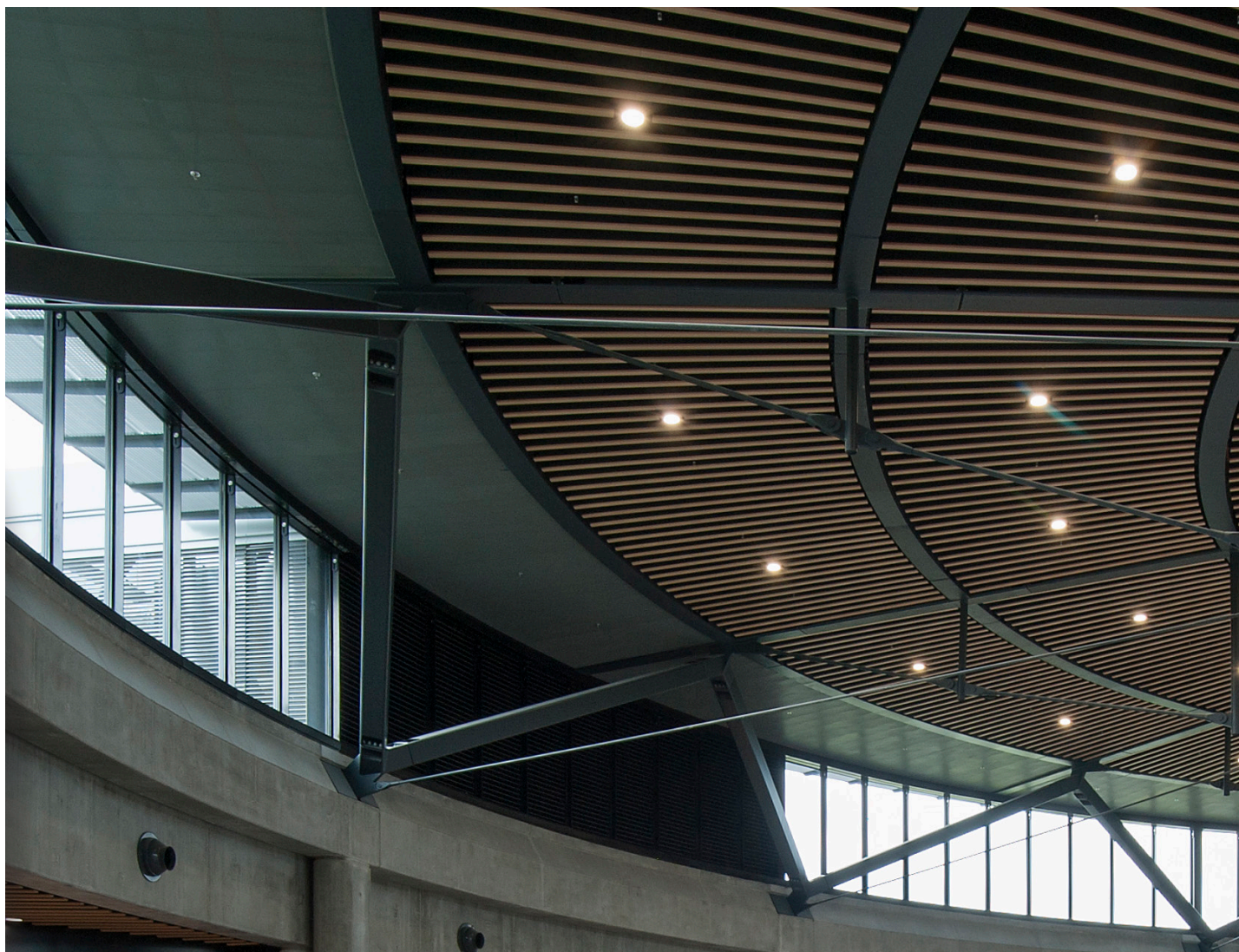
BESPOKE PANELS

These ceilings are used to equip passageways leading to terminals.

Panels open while hanging to special profiles, enabling easy access to the plenum's networks.

+ PRODUIT

- Made to measure solution
- Solution adapted to the architectural shape of the building: blind box trims are integrated
- Easy access to plenum: the panel can open easily
- Durable



TRAPEZOIDAL PANELS

Trapezoidal panels follow the curves of a building and therefore adapt to the layout of curved areas.

PRODUCT BENEFITS

- Trapezoidal panels adapt to the building's curves configuration and can then be used on a whole curved surface or inserted locally, between rectangular panels, to respect the architectural shape of the building.

SURFACE AREA: 30 000 m²

CITY: Lyon

COUNTRY: France

BUILDING: Hall, Passageways, Departures and arrivals terminals

COMPLETION DATE: 2017

CONTACTS

- **Prime contractor:** Rogers Stirk Harbour + Partners
- **Works contractor:** Bouygues Bâtiment Sud Est
- **Fitter:** Malon
- **Technical Sales Manager:**
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