

# BBC Television Centre London



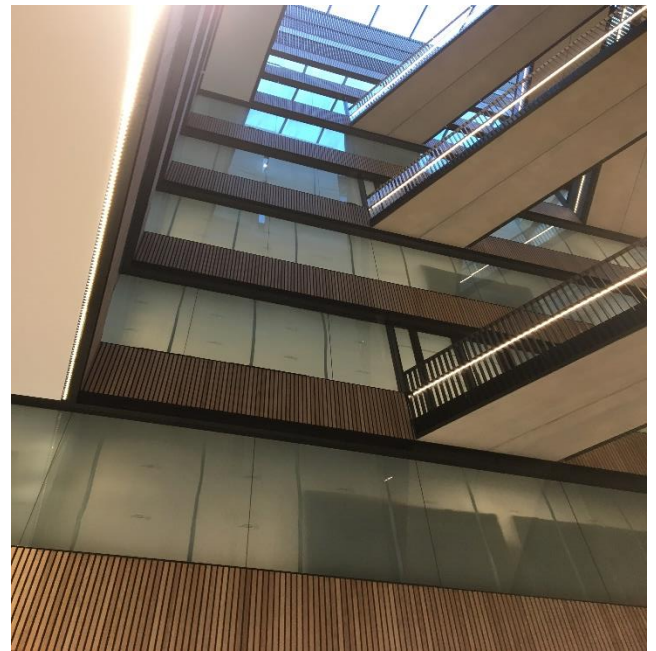
Architects:	Allford Hall Monaghan Morris Architects
Main Contractor:	Lend Lease
Joinery Contractor:	James Johnson Joinery
Products:	Laudescher LINEA 4.2.1
Finish:	Oak – Clear Varnish
Completed:	2017

## PROJECT INFORMATION

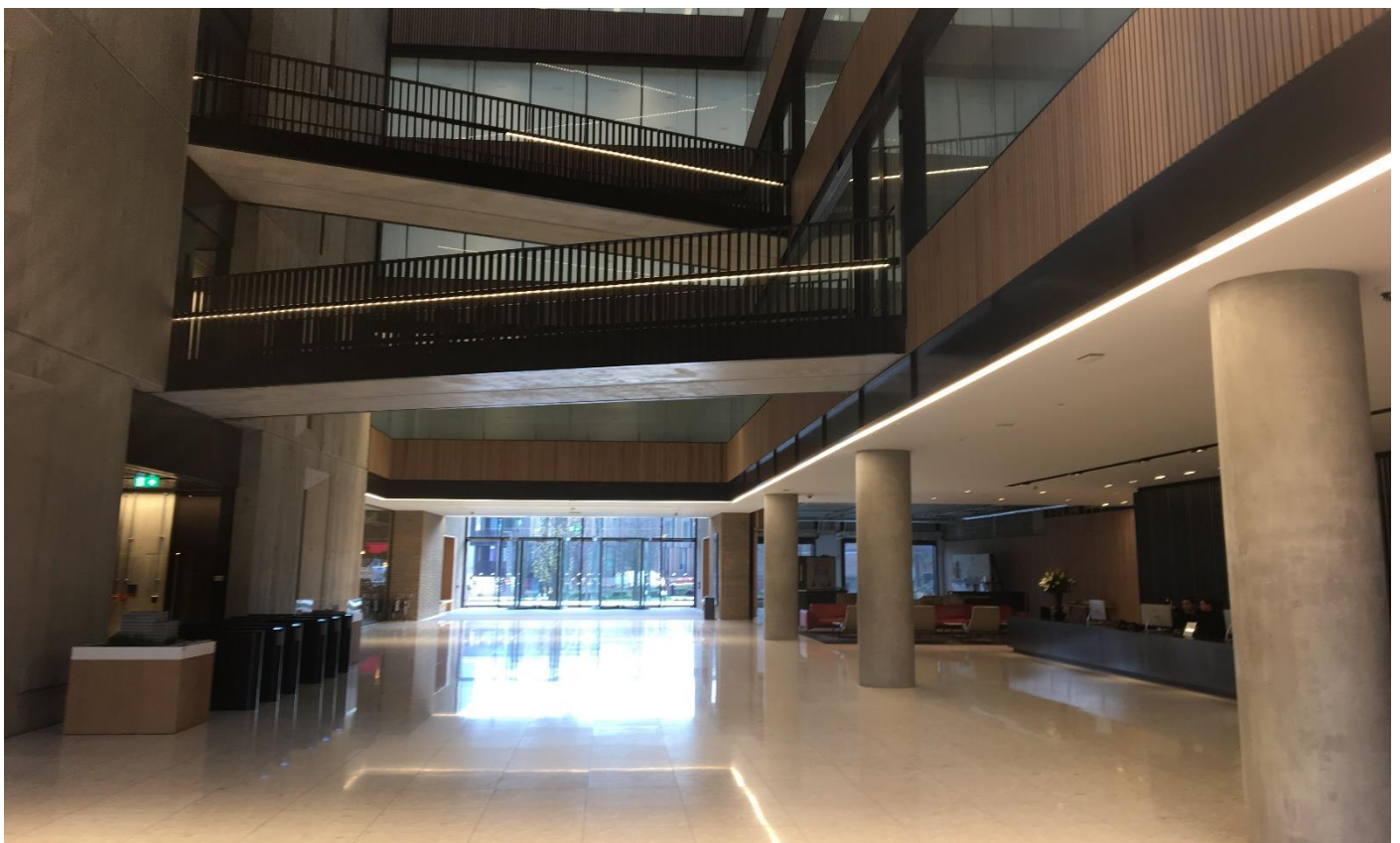
This prestigious refurbishment for the notorious BBC Television Centre in London was designed by Allford Hall Monaghan Morris (AHMM) Architects.

James Johnson Joinery expertly installed the Laudescher Linea 4.2.1 (aw 0.85, Class B, NRC 0.85) panels with an Oak slat with a clear varnish on behalf of Lendlease. The Laudescher panels were installed to various walls and doors.

Using this Laudescher Linea 4.2.1 will help combat the large reverberant noise in such a large open space. Lowering the sound pressure level to ensure those working in the space are not distracted by unwanted noise.



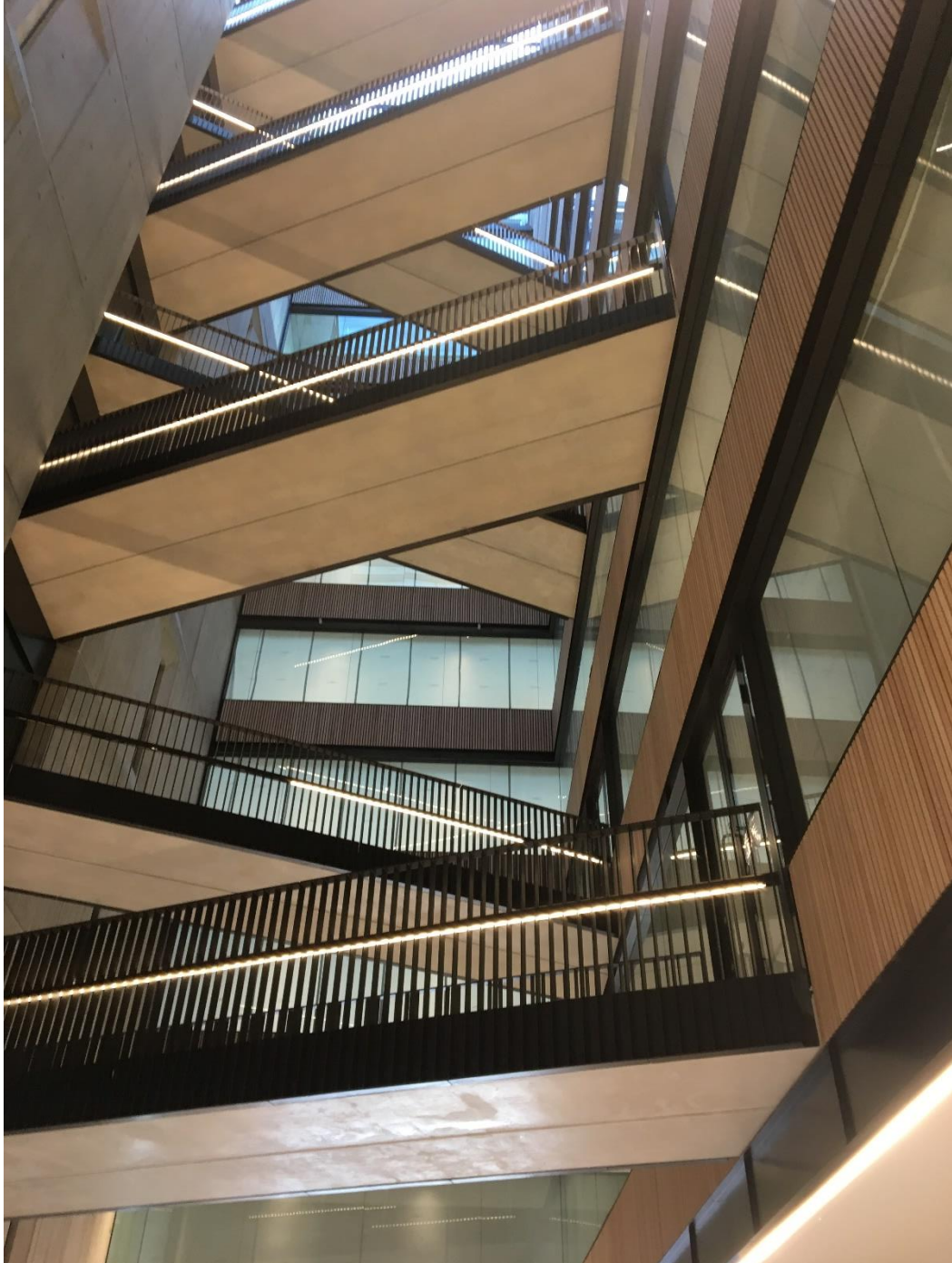
## PROJECT IMAGES



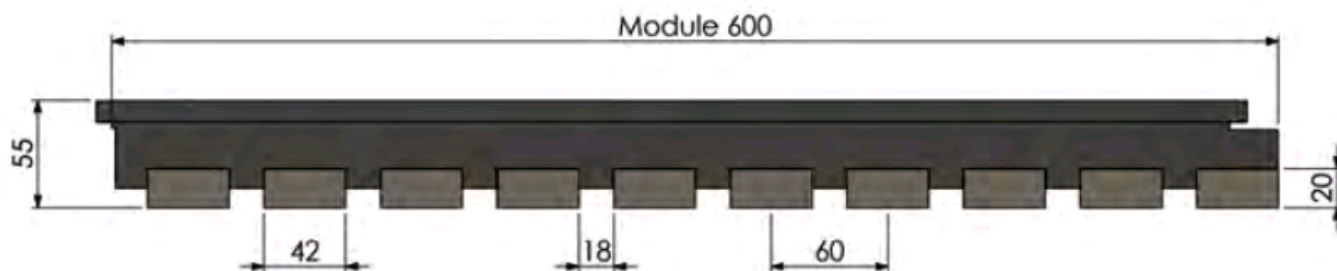
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ACOUSTIC PRODUCT SYSTEM USED



Product references		4.2.4	4.2.1
Slat section	Facing side	42 mm	42 mm
	Thickness	20 mm	20 mm
Spacing between slats		43.71 mm	18 mm
Slat distance		85.71 mm	60 mm
Total thickness		55 mm	55 mm
Average void area		51%	30%
Sound absorption data $\alpha_w^*$ / absorption class		0.75 / B	0.5 / D
Reaction to fire		B-s1,d0 / B-s2,d0	
Installation system		T24 main runner with black capping** D/C edge	

\*Test report, panel with insertion of mineral or stone wool tiles with black fleece facing

\*\*Moist and/or corrosive environments, cf. grid system manufacturer recommendations

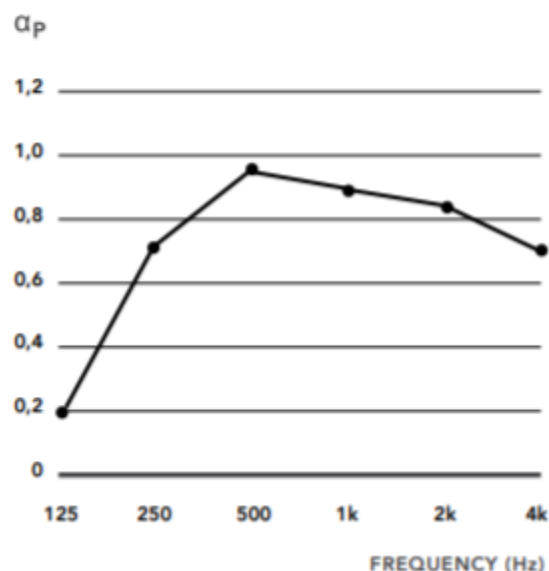
Edging system:



Weight in Kg/m <sup>2</sup>	4.2.4	4.2.1
Pine	8.75	11.6
Douglas Fir	8.6	11.5
Oak	11	14.8

**LINEA 4.2.1 WALL + LR 20mm on E50 mm plenum**

ACOUSTIC ABSORPTION COEFFICIENT



WEIGHTED INDEX:

$$\alpha_w = 0.85$$

ABSORPTION CLASS:

**Class B**

AS PER ASTM C423:

$$\text{NRC} = 0.85$$

If you would like further information or have any questions please do not hesitate to get in contact:

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