

New Scotland Yard London



Architects: Allford Hall Monaghan Morris (AHMM)

Main Contractor: BAM

Products: Laudescher LINEA Bespoke 2.4.3

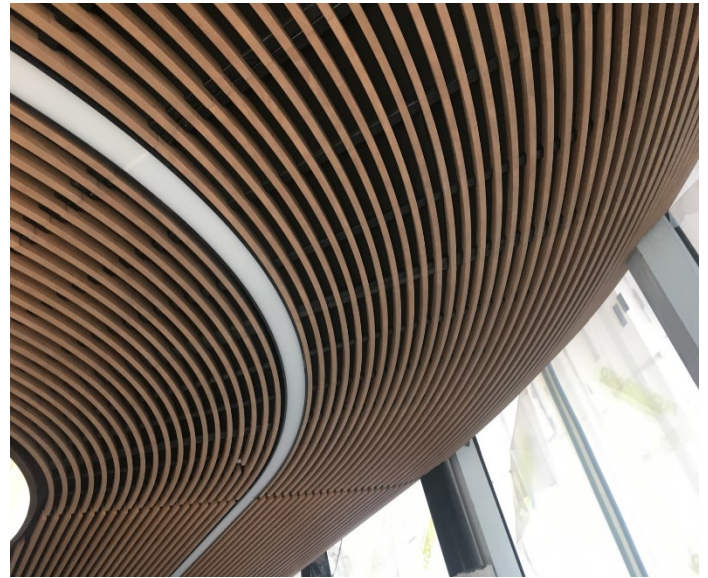
Finish: Pine with a bespoke finish

Completed: Winter 2016

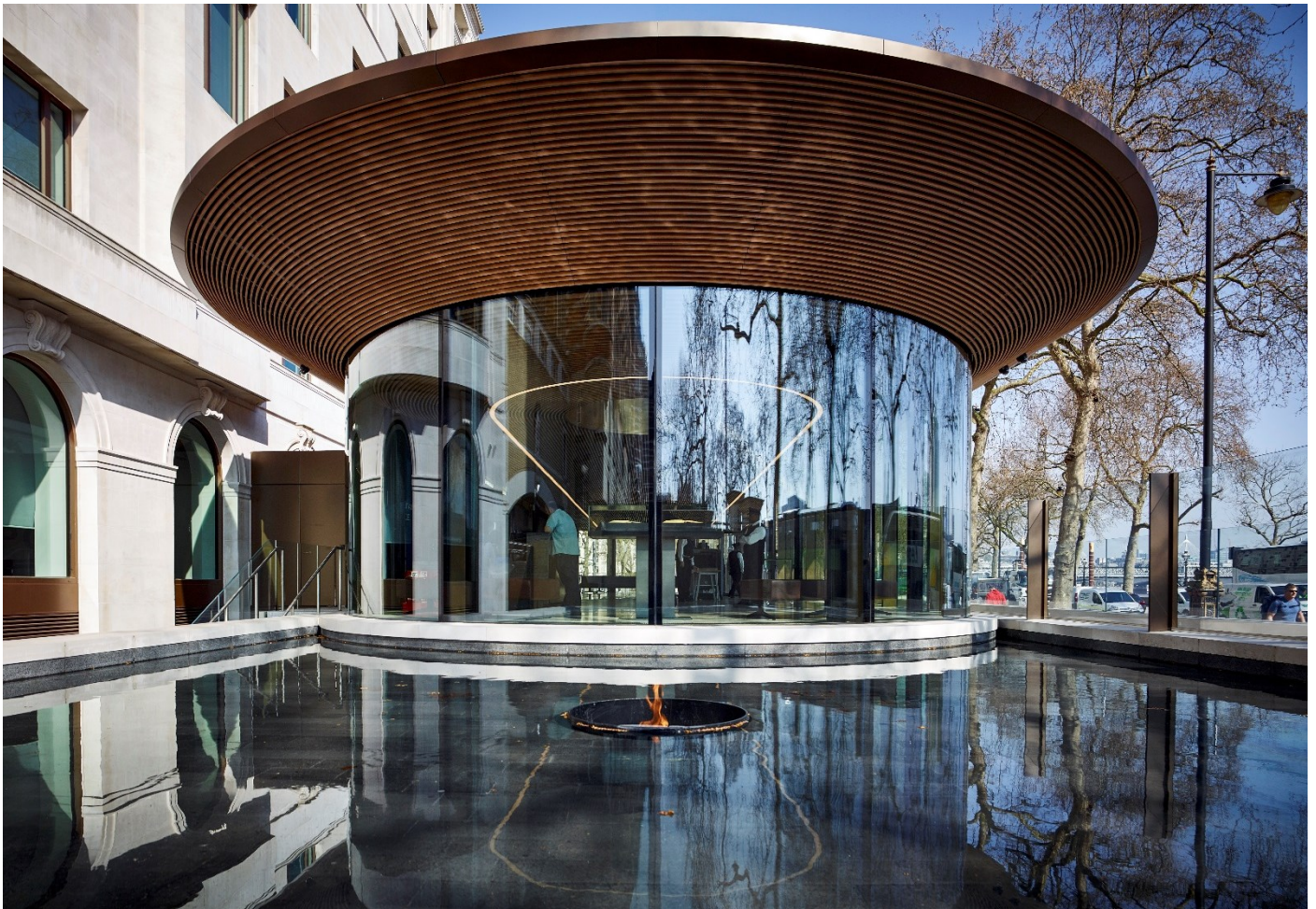
PROJECT INFORMATION

A stand out design by AHMM which was constructed by BAM construction; this Laudescher LINEA Bespoke 2.4.3 (aw 0.9, Absorption Class A, NRC 0.9) acoustic slatted panels with the purpose of managing the reflective nature of the walls within the main entrance area. The extremely specific design of the ceiling panels here where each slat cut from a glulam block so as to achieve a curve that is not stressed. The same product is used inside and outside so as to achieve a seamless finish through the glass.

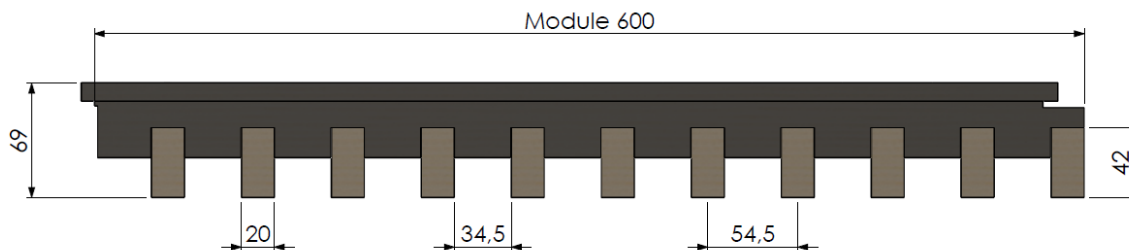
These panels work to absorb sounds and reduce the reflection so as to increase the calming effect of the area.



PROJECT IMAGES



ACOUSTIC PRODUCTS SYSTEM USED



Product references		2.4.3	2.4.5	2.4.6
Slat section	Facing side	20 mm	20 mm	20 mm
	Thickness	42 mm	42 mm	42 mm
Spacing between slats		34.54 mm	55 mm	65.71 mm
Slat distance		54.54 mm	75 mm	85.71 mm
Total thickness		69 mm	69 mm	69 mm
Average void area		63%	73%	77%
Sound absorption data α_w^* / absorption class		0.85 / B	0.85 / B	0.85 / B
Reaction to fire		B-s1,d0 / B-s2,d0 / D-s1,d0**		
Installation system		Direct mechanical fixing		

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

** In accordance with the provisions of article AM4 (French regulation) "Vertical walls of unprotected open spaces and buildings" §2, taken from "Fire safety regulations for buildings open to the public"

Edging system:



Weight in Kg/m ²	2.4.3	2.4.5	2.4.6
Pine	12.4	9.5	8.5
Douglas Fir	12.2	9.4	8.45
Oak	15.9	12.05	10.8

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

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