

# Edge Grove School - Internal Watford



Architects: Lyons + Sleeman + Hoare

Main Contractor: T&B Contractors

Products: Laudescher Linea 2.6.6

Finish: Oak Wax

Completed: Spring 2019

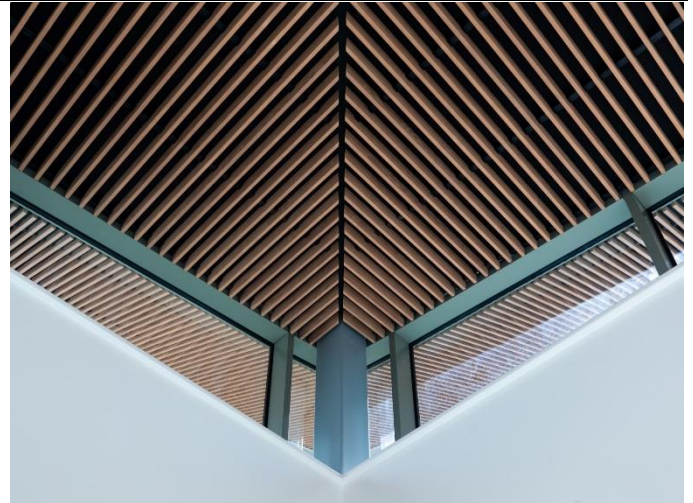
Photographer: courtesy of T&B Contractors

## PROJECT INFORMATION

This single storey lower school for Edge Grove School was built by T&B Contractors in conjunction with Lyons + Sleeman + Hoare design. The scheme comprised of six new classrooms, headmasters room, intervention rooms and a Main Activity Room.

Lyons + Sleeman + Hoare specified our Laudescher Linea (aw 0.90, Absorption Class A, NRC 0.90) 2.6.6 system which was selected as a solution to Building Bulletin 93. The Linea 2.6.6 system will not only work as an absorbing surface but also diffusing the sound waves to insure better room acoustics.

This will create lower sound reverberation and lower sound pressure levels which will aid speech intelligibility.



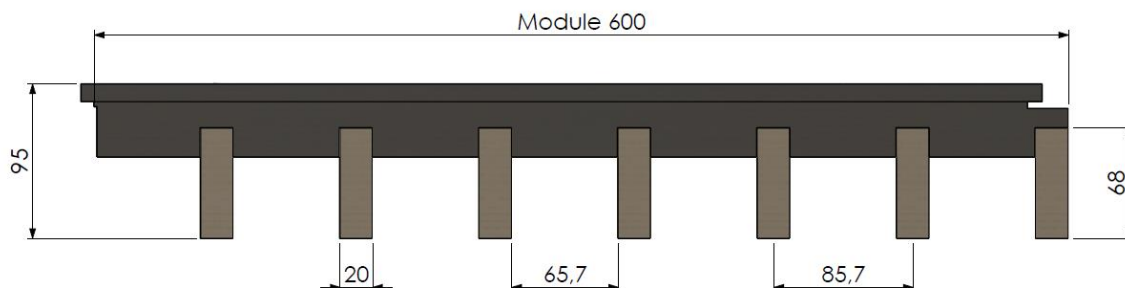
## PROJECT IMAGES




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## ACOUSTIC PRODUCT SYSTEM USED



## Lauder LINEA 2.6.6 - Suspended ceiling

Description	Technical specifications	Acoustic results	Documentation	
Product references		2.6.6	2.6.8	2.6.10
Slat section	Facing side	20 mm	20 mm	20 mm
	Thickness	68 mm	68 mm	68 mm
Spacing between slats		65.71 mm	80 mm	100 mm
Slat distance		85.71 mm	100 mm	120 mm
Total thickness		95 mm	95 mm	95 mm
Average void area		77%	80%	83%
Sound absorption data $\alpha_w^*$ / absorption class		0.9 / A	0.9 / A	0.9 / A
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:  Edge : D/C
Weight in Kg/m <sup>2</sup>		2.6.6	2.6.8	2.6.10

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

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