

Reigate Grammar School - Library Reigate



Architects: Walters & Cohen Architects

Main Contractor: Beard Construction

Products: Topakustik 8/3

Finish: Oak Veneer

Completed: Winter 2017

PROJECT INFORMATION

Reigate Grammar School (library) was designed by the educational experts Walters and Cohen and delivered by Beard Construction. Topakustik 8/3 (aw 1.00, Absorption Class A, NRC 1) in an Oak Veneer finish compliments both aesthetics and acoustic solutions. The Topakustik 8/3 acoustically will lower the reverberation time of the setting to ensure the project stayed within the parameters of Building Bulletin 93, along with diffusing and displacing noise frequencies to create an optimum learning environment.

Project Architect – Suzanne Nadal (nee Bailey) “the school are really happy – and the sound quality in the library is just amazing – it’s really calm and lovely space.”



PROJECT IMAGES

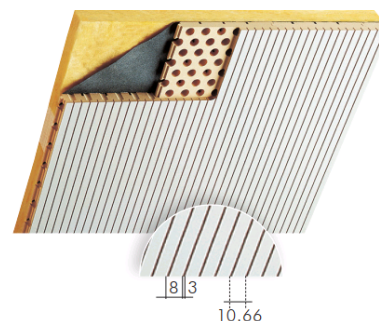


ACOUSTIC PRODUCT SYSTEM USED

TOPAKUSTIK® type 8-3 M - Productdatasheet

TOPAKUSTIK® type 8-3 M - the mechanically nice profile

This high-absorptive profile impresses with a high proportion of open area of 19%. Despite the high proportion of open area, the product demonstrates good mechanical resistance.



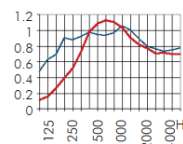
Planks

Thanks to the precise tongue and groove connection, planks result in an attractive surface with joint-free appearance, because the connection joint matches the dimension of the grooves. The planks permit simple and flexible assembly. They can be installed by stapling to timber battens. An installation with H/T-profiles and clips is not possible.

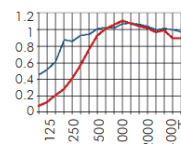
Fire Category D-s2, d0 (CH 4.3)			Fire Category B-s2, d0 (CH 5.3)		
Paint 16 mm	Wood Veneer 17 mm	Melamine 16 mm	Paint 16 mm	Wood Veneer 17 mm	Melamine 16 mm
standard					
2780 x 128	2780 x 128	2780 x 128	2780 x 128	2780 x 128	2780 x 128
3640 x 128	3640 x 128			3640 x 128	
4080 x 128		4080 x 128	4080 x 128		4080 x 128
custom lengths are also available					

Sound absorption values:

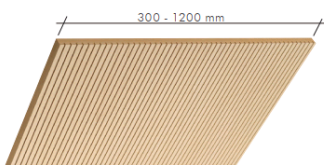
8/3 M-9.5%*



8/3 M-19%*



Graphics: Sound absorption in suspension height 215 mm and 55 mm.



Panels

Panels are used for removable or fixed ceilings and walls with visible joints. Panels can be provided with a number of different edge treatments and endings.

Fire Category D-s2, d0 (CH 4.3)			Fire Category B-s2, d0 (CH 5.3)		
Paint 16 mm	Wood Veneer 17 mm	Melamine 16 mm	Paint 16 mm	Wood Veneer 17 mm	Melamine 16 mm
maximal					
3640 x 1216	3640 x 1216	3640 x 1216	3640 x 1216	3640 x 1216	3640 x 1216
ideal = means optimal use of MDF core - custom lengths are also available					
2040 x 992 / 640	2040 x 992 / 640	2040 x 992	2040 x 992	2040 x 992	2040 x 992
2780 x 992 / 640	2780 x 992 / 640	2780 x 992	2780 x 992	2780 x 992	2780 x 992
3640 x 640	3640 x 640			3640 x 640	

Symbols legend:

- Paint
- Wood Veneer
- Melamine

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

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