

Southampton University (Gower) – Lecture Theatres Southampton



Architects: Chris Dyson Architects
Main Contractor: BAM Construction
Joinery Contractor: Ridon Joinery
Products: Topperfo Micro 3/3/0.5
Finish: Walnut & Oak Melamine
Completed: Winter 2019
Photographer: supplied by Ridon Joinery

PROJECT INFORMATION

The University of Southampton – Gower South is a seven storey teaching and learning centre, with associated offices and lecture theatres.

Acoustic Products were selected for the two lecture spaces due to their technical capabilities when considering the aesthetics and acoustics in this higher education setting.

Topakustik's Topperfo-Micro 3/3/0.5 (aw .60, Absorption Class C, NRC .81) allows the sound absorption functionality to be almost invisible. All this whilst bringing a warm aesthetic with the natural finished system.



PROJECT IMAGES



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ACOUSTIC PRODUCT SYSTEM USED

TOPPERFO®-Micro-Panels

With TOPPERFO-Micro, the sound absorption function becomes almost completely invisible. The perforation measures a mere 0.5 mm (or even 0.3 mm), so it is virtually invisible from a certain distance. TOPPERFO micro-perforation is available in various grids and diameters, depending on the required level of sound absorption. The choice of surface coverings is also virtually unrestricted. All veneers and paint colours are available, as well as CPL and HPL surfaces by arrangement.



2/2/0.5

Other Micro-products:

- Micro-Planks 128 mm
- Micro-Graphic
- Micro-Eco Collection
- Micro on your care
- Micro-Cabinet Doors

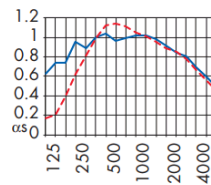
Ask for more information.

Sound absorption data acc. to ISO 354

With acoustic fleece and mineral wool: 40 mm (60 kg/m³)

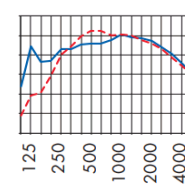
TOTAL THICKNESS
 — ca. 226 mm
 - - - ca. 66 mm

2/2/0.5



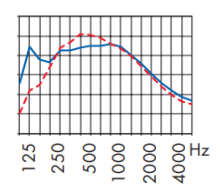
αw	Euro	NRC
0.80 L	B	0.93
0.75 LM	C	0.95

1.8/1.8/0.5



αw	Euro	NRC
0.90	A	0.93
0.90	A	0.95

3/3/0.5



αw	Euro	NRC
0.60 LM	C	0.81
0.55 LM	D	0.84

Dimensions and Materials

Core panel	not fire rated D-s2,d0 (DIN B2)			fire retardant B-s2,d0 (DIN B1)			non-flammable*		
	Surface/ Thickness	Paint 16 mm	Wood Veneer 17 mm	Melamine 16 mm	Paint 16 mm	Wood Veneer 17 mm	Melamine 16 mm	Paint 16 mm	Wood Veneer 17 mm
Panels	max. in mm	max. in mm	max. in mm	max. in mm	max. in mm	max. in mm	max. in mm	max. in mm	max. in mm
	3648 × 1216	3648 × 1216	3648 × 1216	3648 × 1216	3648 × 1216	3648 × 1216	3080 × 1216	3080 × 1216	3080 × 1216
	ideal: in mm	ideal: in mm	ideal: in mm	ideal: in mm	ideal: in mm	ideal: in mm	ideal: in mm	ideal: in mm	ideal: in mm
	2032 × 992	2032 × 992	2032 × 992/640	2032 × 992/640	2032 × 992/640	2032 × 992/640	2032 × 992/640	1540 × 608	1540 × 608
	2780 × 992	2780 × 992	2780 × 992/640	2780 × 992/640	2780 × 992/640	2780 × 992/640	2780 × 992/640	2540 × 608	2540 × 608
	3648 × 640	3648 × 640			3640 × 640		3080 × 608	3080 × 608	3080 × 608

ideal means optimal use of MDF core – custom lengths are also available
 Date 2019 – please check the current dimensions on www.topakustik.com

* Absorption data on request

The micro-perforation is provided in fields with a width of around 150 mm. In sided light, it is possible that the excess length between the individual fields becomes visible on UniEco decors or if a dark colour varnish is used. The grid 1.8/1.8 is therefore not recommended for these surfaces. For a grid of 2/2, we recommend to provide samples.

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

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