

National Army Museum London



Architects: BDP

Main Contractor: Gilbert - Ash

Products: Topakustik 8/3M 9% Vertical Grooves

Finish: RAL 9010 Pure White Lacquered

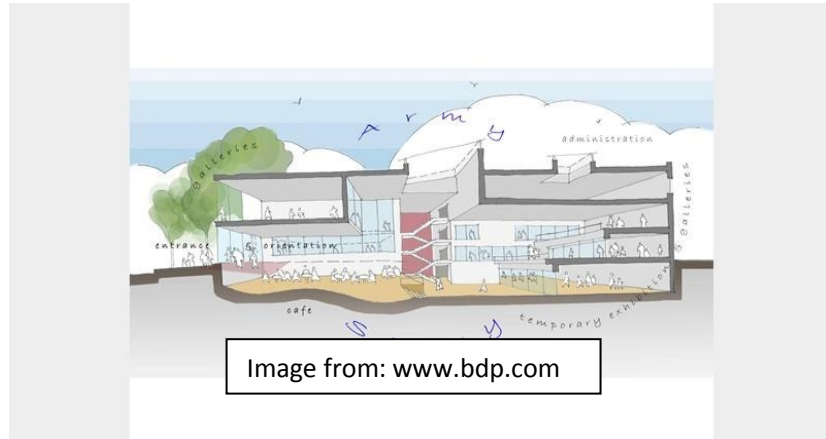
Completed: Winter 2017

Photographer: supplied by BDP

PROJECT INFORMATION

Designed by BDP and built by Gilbert-Ash; the National Army Museum boasts a major new central court with new visitor reception, kitchen area including external landscaping, commercial areas, archive facilities and an educational suite.

Acoustic Products were utilised on the class room teaching space using Topakustik 8/3M (aw .85, Euro Class B, NRC 0.92) to aid with speech intelligibility, combat room reverberation and to lower the sound pressure levels.



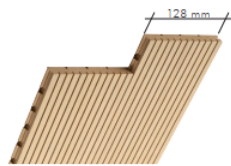
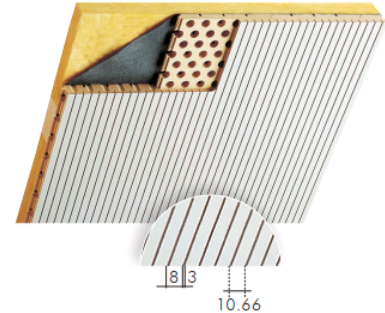
PROJECT IMAGE



ACOUSTIC PRODUCTS 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.

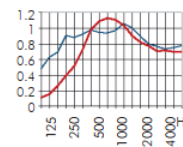


Planks
Thanks to the precise tongue and groove connection, planks result in an attractive surface with joint-free appearance, because the connection joint matches the dimension of the grooves. The planks permit simple and flexible assembly. They can be installed by stapling to timber battens. An installation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

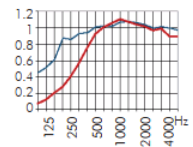
| Fire Category D-s2, d0 (CH 4.3) | | | Fire Category B-s2, d0 (CH 5.3) | | |
|-----------------------------------|----------------------|-------------------|---------------------------------|----------------------|-------------------|
| Paint 16 mm | Wood Veneer 17 mm | Melamine 16 mm | Paint 16 mm | 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:

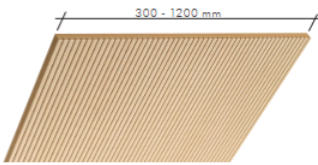
8/3 M-9.5%*



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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