

Benefits of well-balanced room acoustics:

- Enjoyment
- Clarity
- Concentration
- Harmony
- Relaxation
- General mental and physical well-being

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www.acoustic-products.co.uk

Not!



TOPAKUSTIK® panelling systems generate additional virtues:

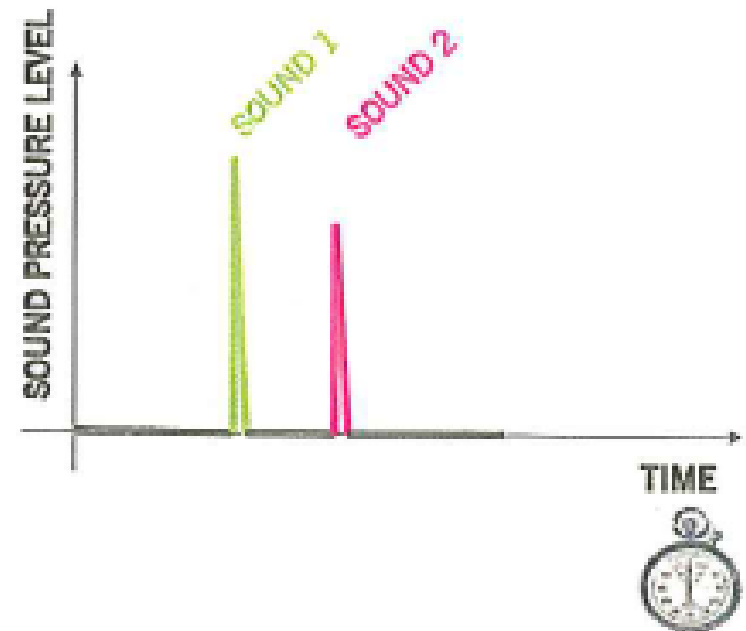
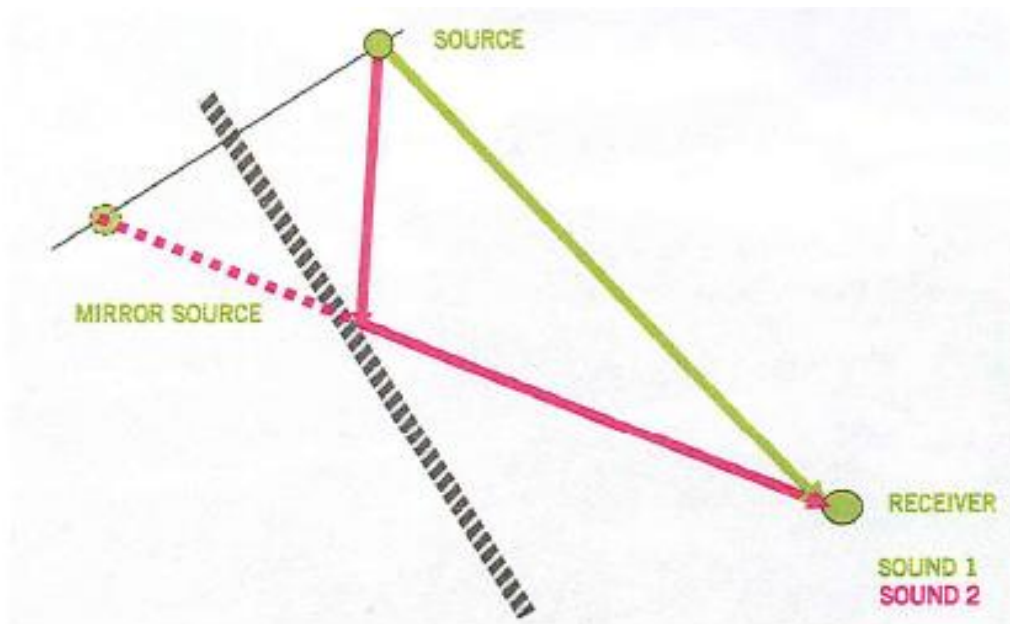
- excellent acoustical performance according to your requirements
- sound absorption
- sound reflection

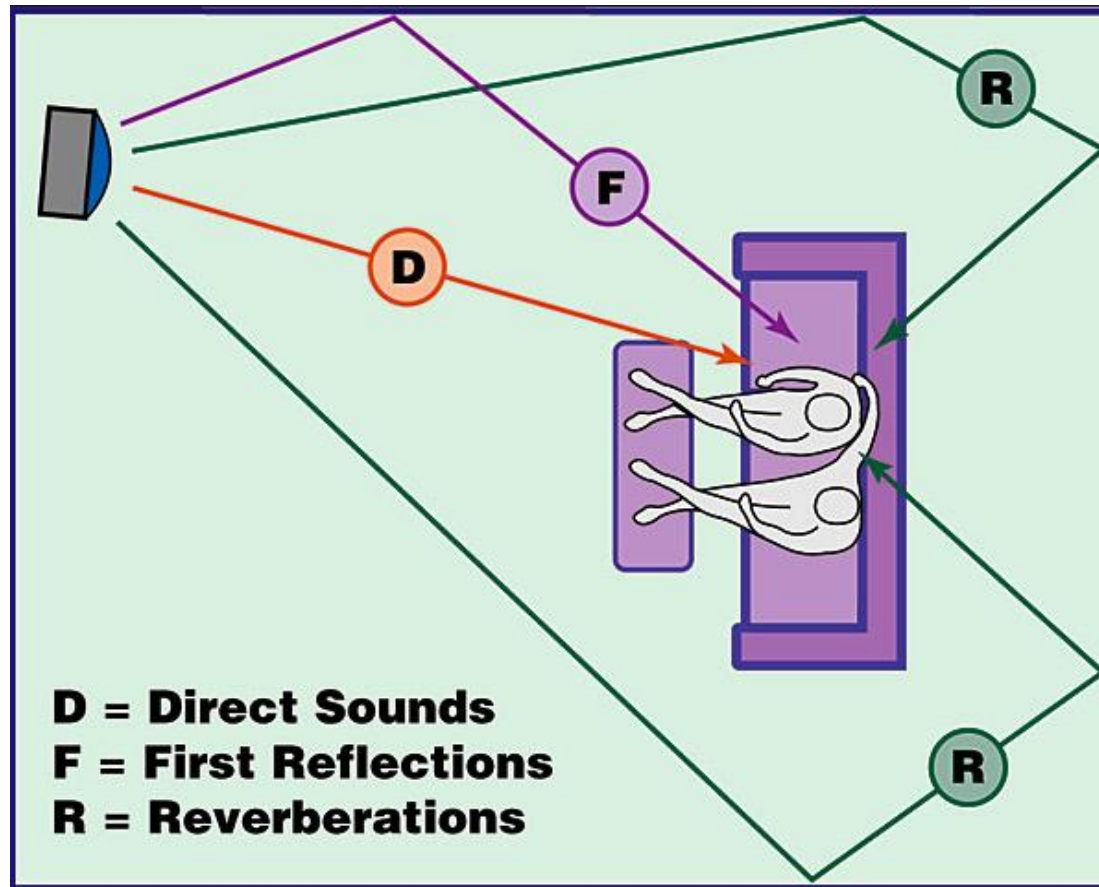
More like it!



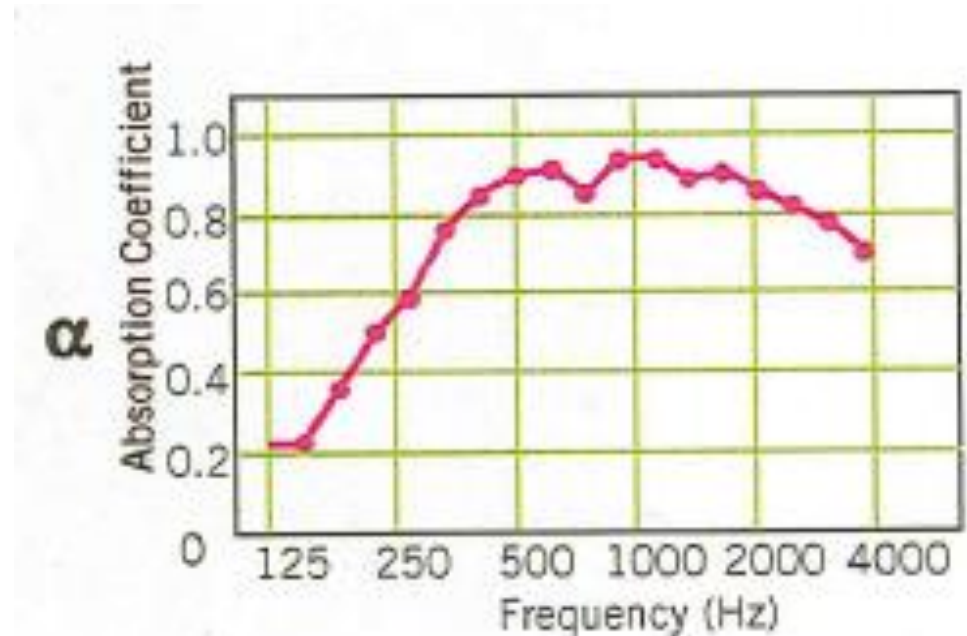
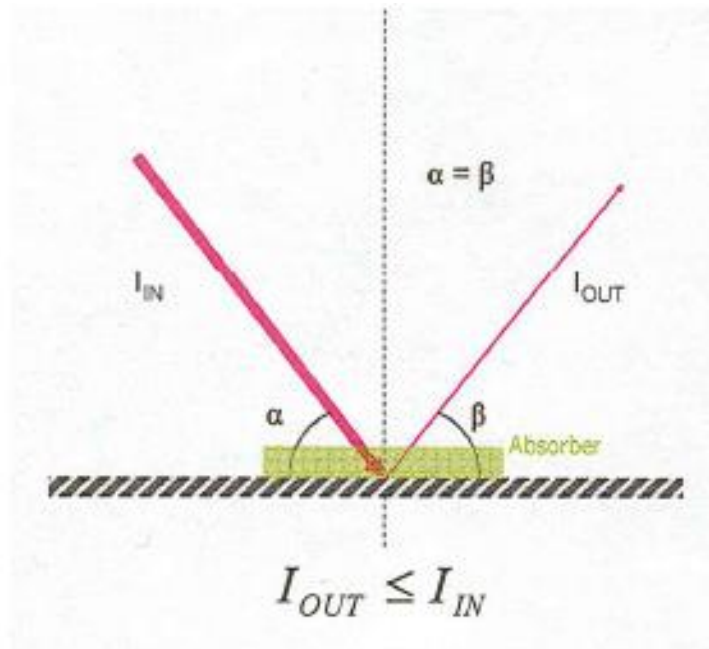
Acoustical problems are exasperated by hard materials like glass or concrete:

- too much reflection
- too long reverberation time





Acoustical solutions using absorbent materials:

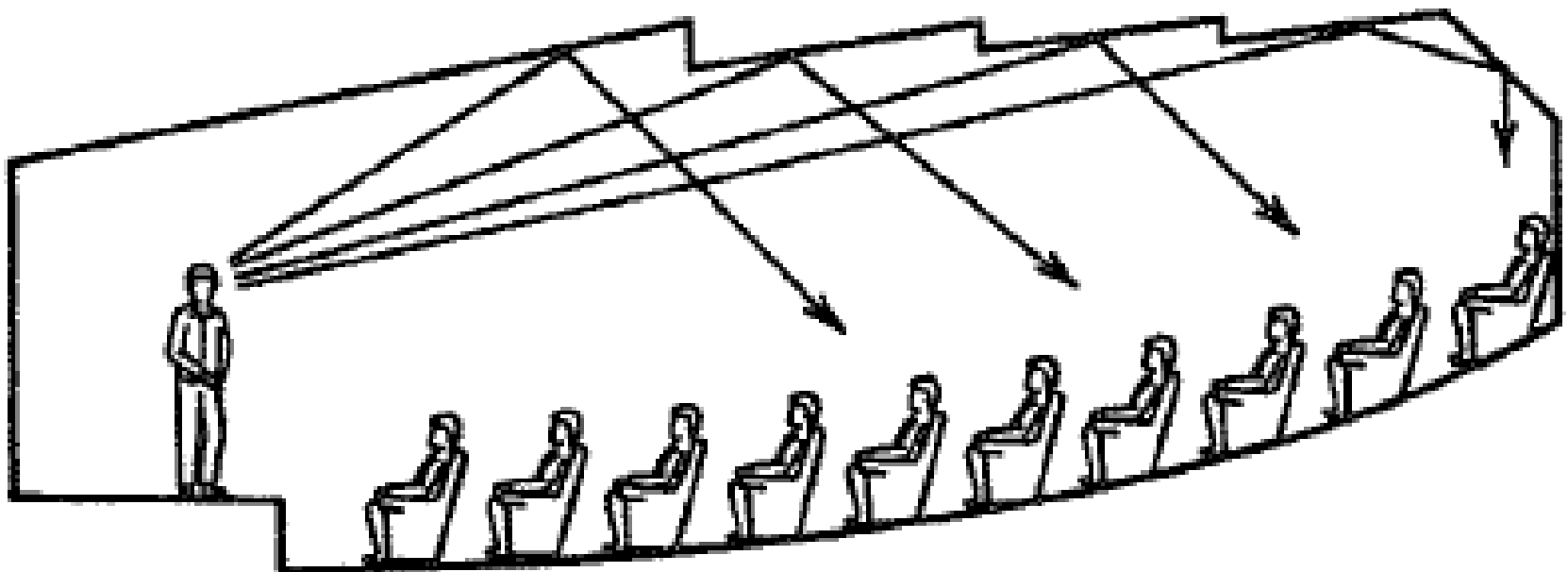


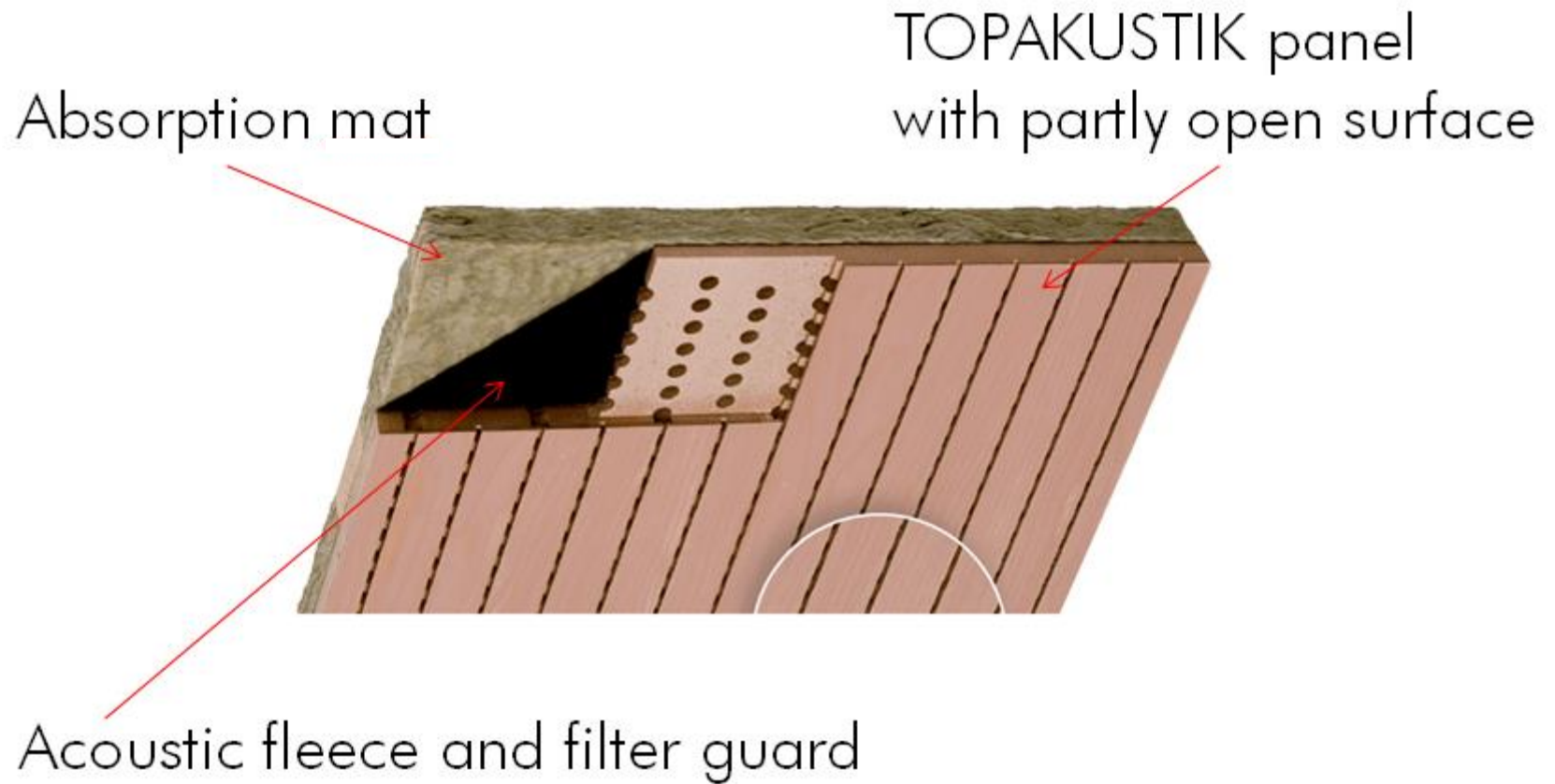
Absorption is the transformation of acoustical energy to non-acoustical energy (mostly heat). The efficiency of an absorber is indicated by the Absorption Coefficient α („alpha“).

$\alpha = 1 = 100 \%$ full Absorption
 $\alpha = 0 = 0$ no Absorption $\rightarrow$ reflection

The (frequency dependent) absorption coefficient of a material using a chart.

Using our voice

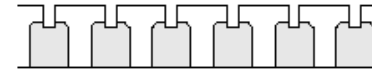




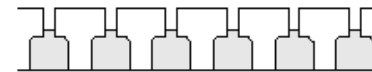
How it works....

TOPAKUSTIK®

Front side: grooved – various types
Rear side: perforated – various types
M / T / without



M PERFORATION



T PERFORATION



WITHOUT PERFORATION

TOPPERFO®

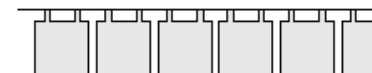
Perforated: various perforations
M / T / CLOU / MICRO



M PERFORATION



T PERFORATION

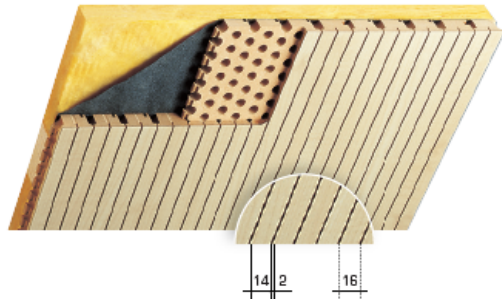


CLOU PERFORATION

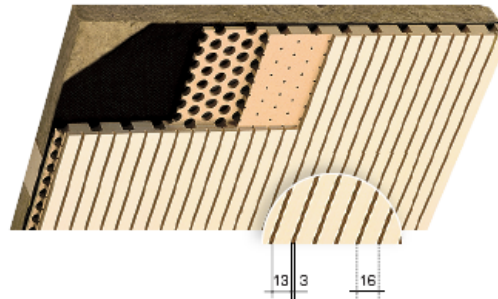


MICRO PERFORATION

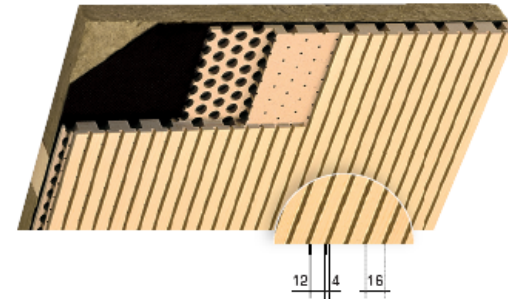
Typ 14/2 M



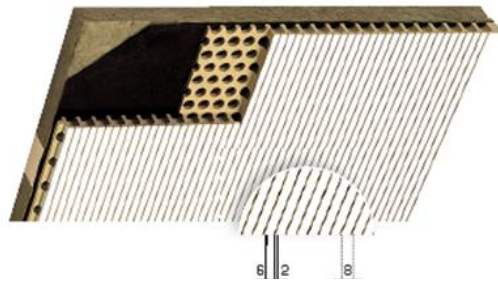
Typ 13/3 M oder T



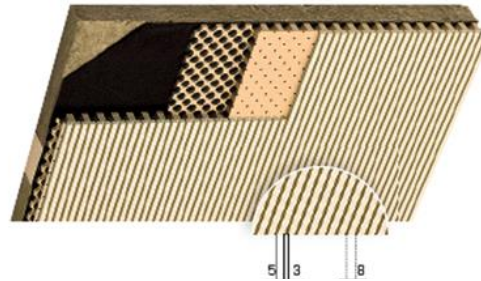
Typ 12/4 M oder T



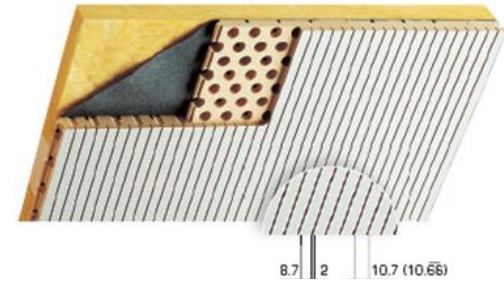
Typ 6/2 M oder T



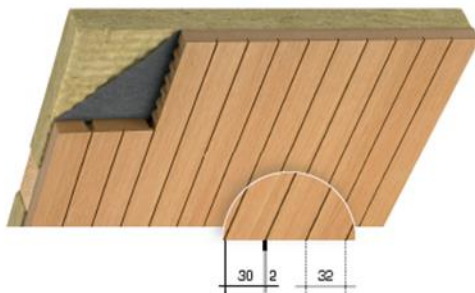
Typ 5/3 M oder T



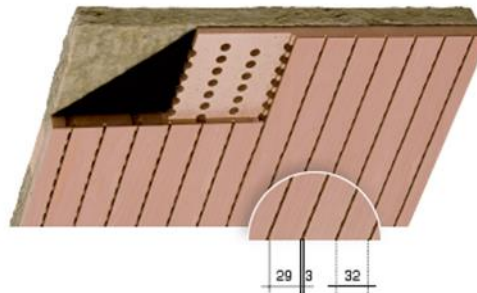
Typ 9/2 M



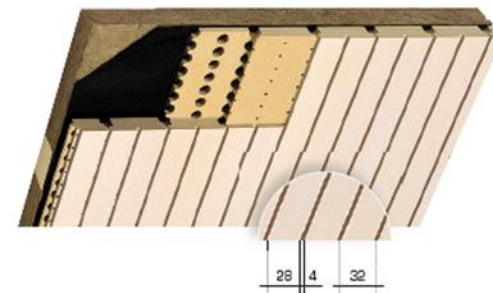
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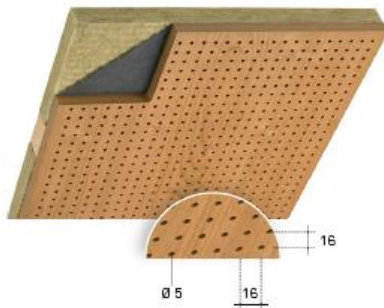
Typ 29/3 M



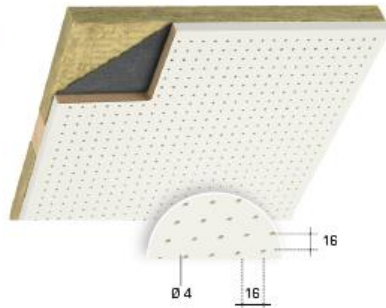
Typ 28/4 M oder T



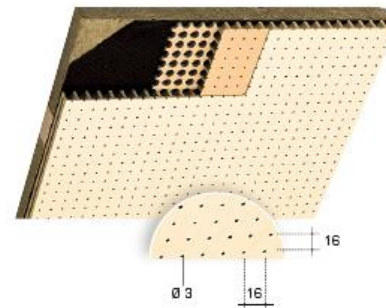
16/16/10-5



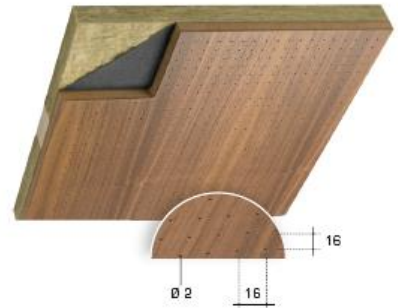
16/16/10-4



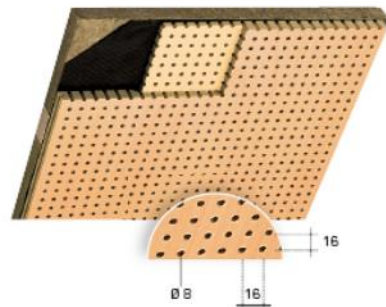
16/16/10-3



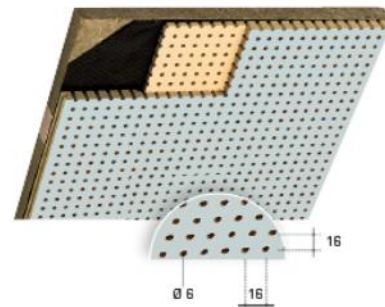
16/16/10-2



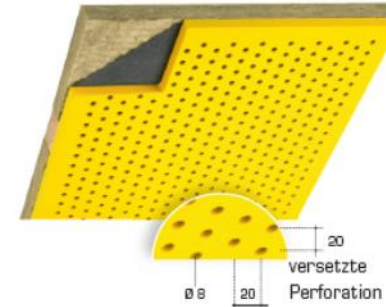
16/16/8



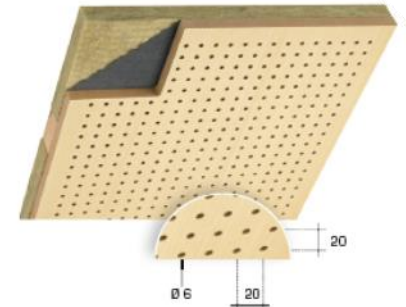
16/16/6



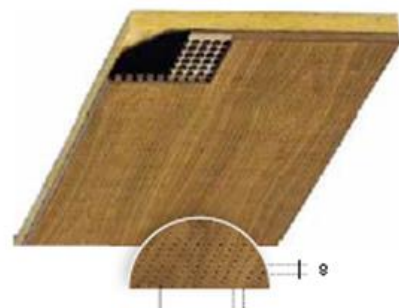
20/20/8



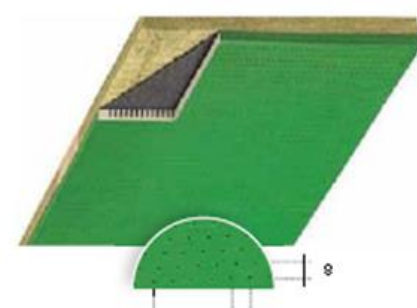
20/20/6



8/8/1,2

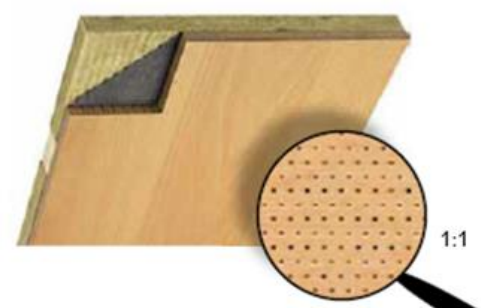


8/8/2



TOP(P)E(R)F(O)[®]-Micro

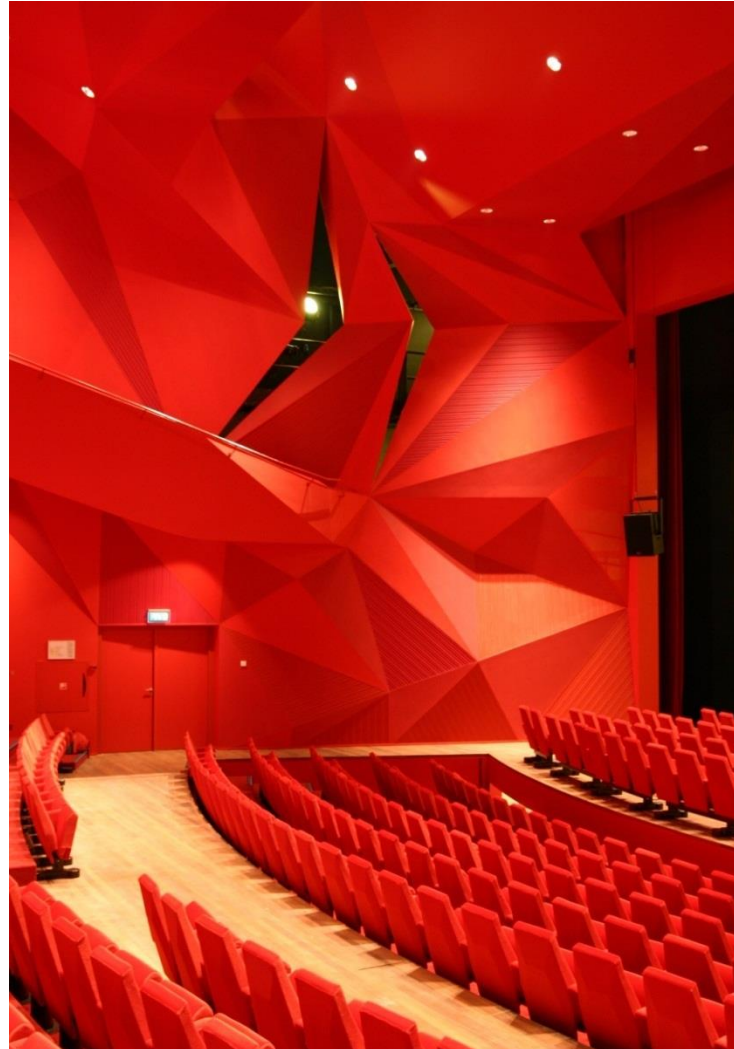
The micro-perforation measures just 0.5 mm. TOPPERFO-Micro has an extremely high absorption capacity across the entire frequency band.





Concert Hall: Cherry Veneer, KKL Lucerne

Concert Hall:
9/2HR
red lacquered
Theater Angora
Neitherland





Concert Hall: Topperfo M, Cherry Veneer, Perth



Auditorium: 14/2M, Oak Veneer



Auditorium: 14/2 Cherry Veneer, New York Times HQ



Auditorium: 9/2M, Oak Veneer



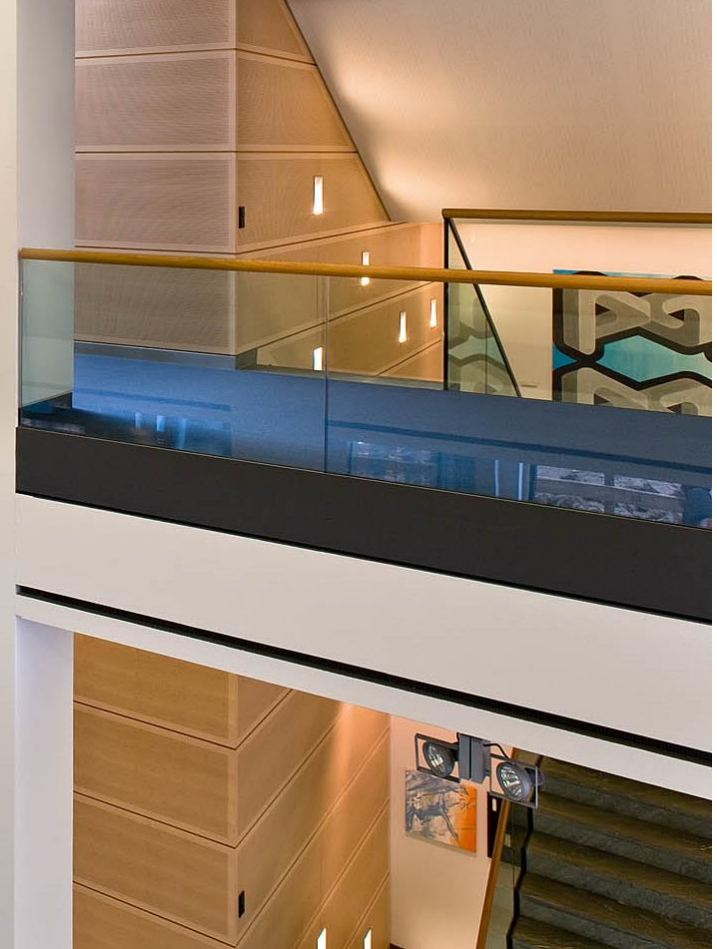
Office: 14/2M, Birch Veneer



Office: 13/3M Maple Veneer



Office: 14/2M, Maple Veneer



Office: 14/2M, Maple Veneer



Office: 14/2M, Maple Veneer



School / Music Hall, 6/2M Bamboo Veneer



School: Topperfo M 16/16/6 Larch Veneer



School: Topperfo T 16/16/6 Oak Veneer



School: Topperfo T 16/16/10-4 Ral 9010



School: Topperfo T Ral 9010



School: 14/2M, Maple Veneer



Office: 13/3M Maple Veneer



Reception: 14/2M Cherry Veneer



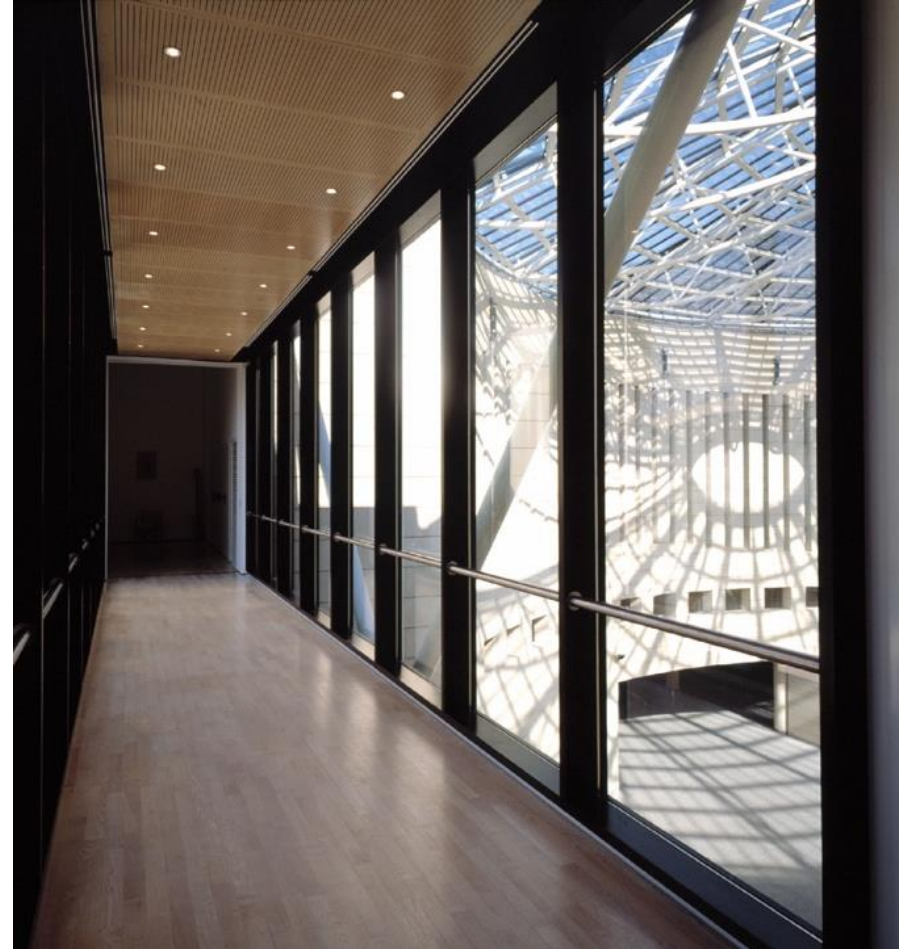
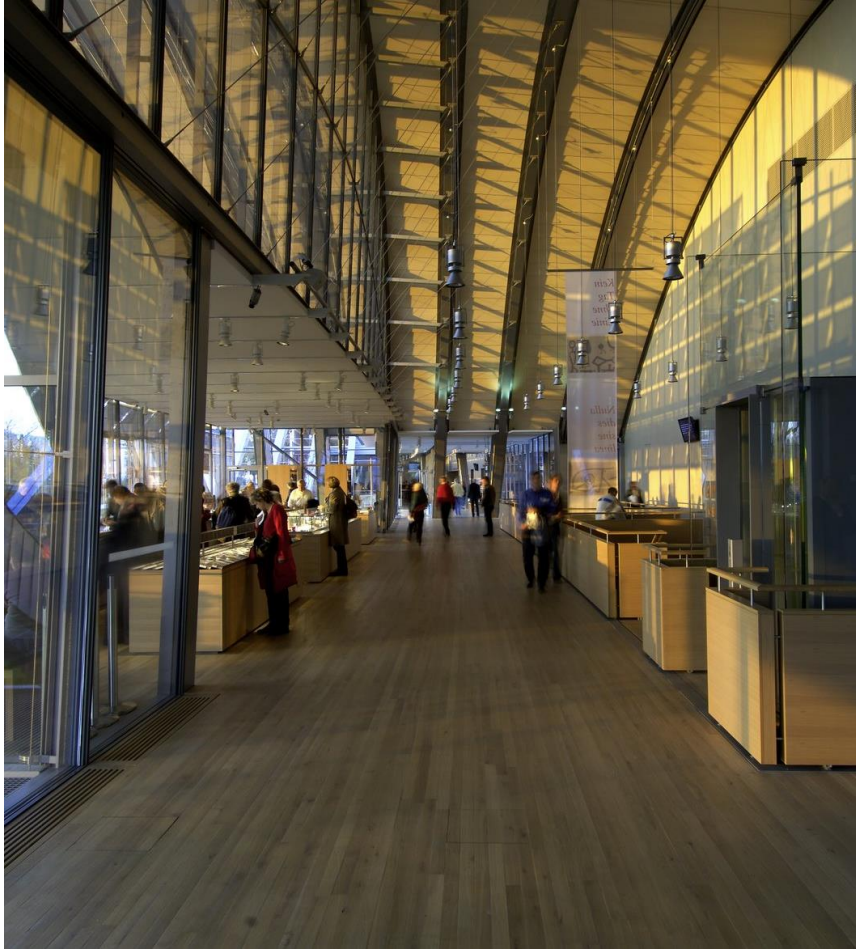
Reception: 14/2M Maple Veneer



Reception: Topperfo Clou, Birch Veneer



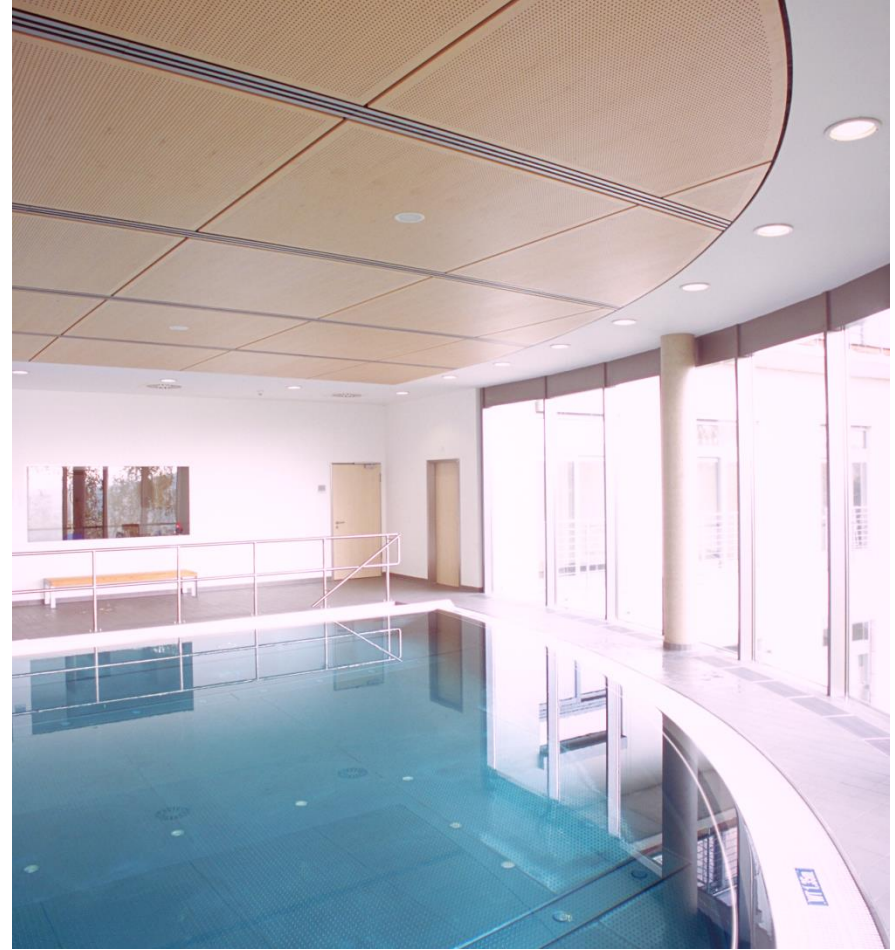
Conference: Topperfo Clou, Oak Veneer



Museum: 13/3M Birch and Maple Veneer



Museum: 13/3M Maple Veneer



Swimming Halls: Topperfo 16/16/6, Birch Veneer



Sports Hall: Topperfo M 16/16/6, Birch Veneer



Sports Hall: Topperfo M 16/16/6, Birch Veneer



Sports Hall: Topperfo T 16/16/10-5, Birch Veneer



Sports Hall: Topperfo T 16/16/10-5, Birch Veneer



Sports Hall: plain curved pannels, Maple Veneer



Library: Topakustik Special



Library: Topperfo T 16/16/10-3 Beech Veneer



Library: 13/3M Maple Veneer



Government: 13/3M Grey Lacquered



Government: 14/2M Maple Veneer



Government: Topperfo Clue, Oak Veneer



Restaurant: Topperfo Clou, Oak Veneer



Restaurant: 14/2M Beech Veneer



Restaurant: Topperfo Clou, Oak Veneer