



DORMACOUSTIC

The DORMA Hüppe Room Acoustics Collection

ACOUSTIC ATTENUATION – FOR THE SAKE OF YOUR SENSES

DORMAcoustic absorbs noise to create an improved in-room ambience.



The better people can hear and understand, or the more quietly and focused they can work, the better and more effective the results are likely to be.

Spatial and functional design excellence

Flexible room partitions create areas ideal for communication. Spaces for learning, working, presenting, listening or perhaps just quiet enjoyment – they all need to offer good speech intelligibility and general audibility. Acoustic quality is as important to people's feeling of wellbeing as the lighting and color scheme of an interior. Hard, smooth surfaces such as glass frontages and fair-faced concrete walls give rise to reflected sound with lengthy reverberation times perceived as echoey, disruptive noise.

Functional room acoustics of elegant design

DORMAcoustic is a range of acoustic panels developed for Variflex partition from DORMA Hüppe. The elements ensure good sound absorption to promote both verbal understanding and effortless listening pleasure. With their precision perforations and attractive finishes, they also contribute to the visual ambience of an interior.



With events running in parallel, sound absorption within each spatial unit can be as important as sound insulation between the rooms.

HIGH FUNCTIONAL EFFICIENCY WITH PRECISION PERFORATIONS

For a wide range of movable wall applications.

Two perforation patterns with outstanding absorption values

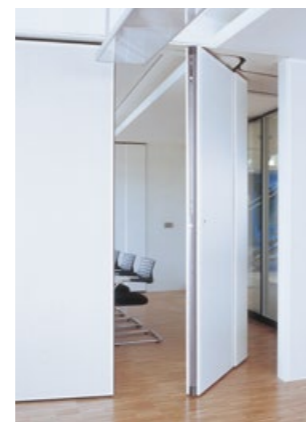
In-room sound penetrates the perforations of the DORMAcoustic panels to be "swallowed" by the acoustic fleece and core incorporated in their structure. There are four surface finishes available, plus a choice of two different perforation patterns for differing interior design requirements. Each combination delivers outstanding performance with exceptional absorption results.

Advisory regarding absorption values

The presence of a shape indicator means that the practical sound absorption coefficient (red curve) at one or several frequencies (L → 250 Hz, M → 500 Hz, 1,000 Hz, H → 2,000 Hz, 4,000 Hz) lies 0.25 or more above the values of the shifted reference curve, with the onus on the user to give due consideration to the complete curve representing the sound absorption coefficient.

Committed to healthy living conditions and to the environment

The E1 quality was demonstrated in drilled condition according to the WKI test (Wilhelm Klauwitz test under standard DIN EN 717-1:2005-1) and is way below the maximum value permissible under the Chemicals Regulation.



The microfine perforation ensures a balanced in-room acoustic performance with no visual trade-off.

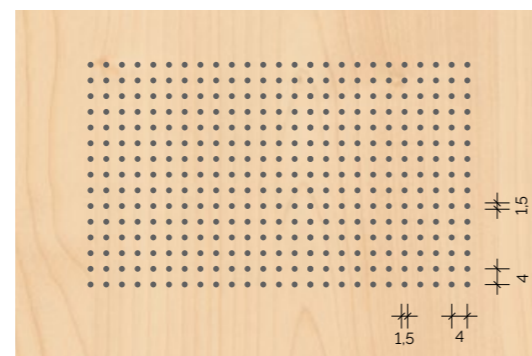
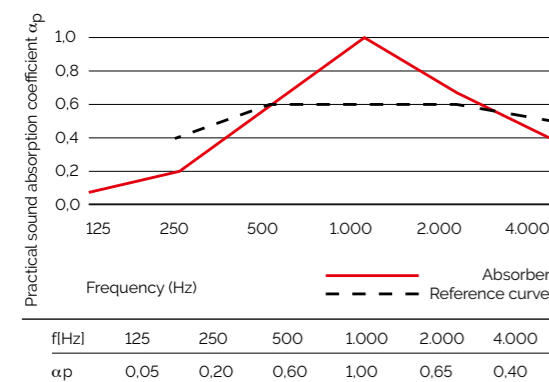


Engineered for excellence

Overview of the sturdy, sealed panel design:

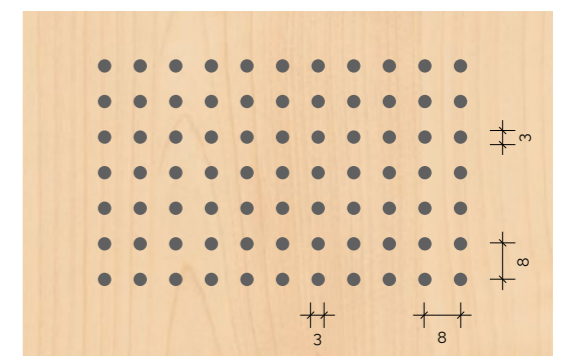
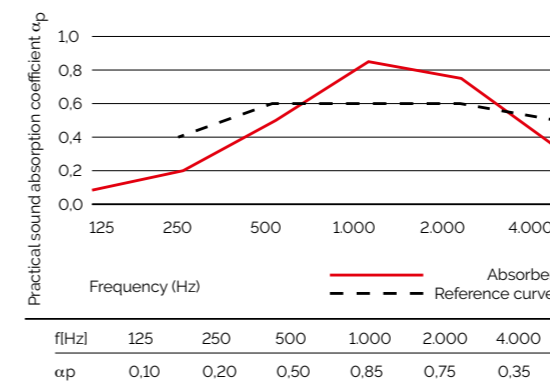
- 1 Especially perforated composite surface
- 2 Acoustic fleece, black
- 3 Acoustic core
- 4 Backing board

Pattern 1 – Microperforation 4 / 4 / 1.5



Spacing: 4 mm (horizontal | vertical)
Hole diameter: 1.5 mm | Edge distance: 20 mm
Perforation area: 11.0% | No. of holes per m²: 62,500

Pattern 2 – Perforation 8 / 8 / 3



Weighted sound absorption coefficient $\alpha_{wV} = 0.45$
Shape indicator M H

Spacing: 8 mm (horizontal | vertical)
Hole diameter: 3 mm | Edge distance: 20 mm
Perforation area: 11.0% | No. of holes per m²: 15,625

COST-EFFICIENT ROOM ACOUSTICS FOR MOVABLE WALL SYSTEMS

DORMAcoustic adds user value to the Variflex range.

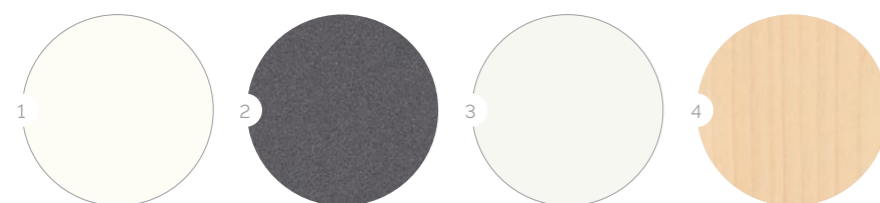
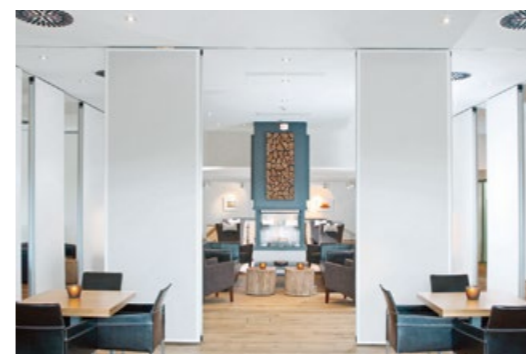


Flexible design options with the DORMAcoustic collection

DORMAcoustic panels are especially tailored to the DORMA Hüppe movable wall system Variflex, enabling operable partitions to also be part of the interior acoustic planning of a build. The collection comprises two different perforation types.

Both variants are available with surface finishes in four in-vogue colors, ranging from discreet white, giving the room an attractive generosity and openness, to fine maple for that harmonious, natural look. DORMAcoustic can thus add to the creative scope available in composing an interior style.

DORMAcoustic extends the Variflex application range



- Four DORMAcoustic surface finishes of in-vogue colors to choose from
- 1 Platinum White
RAL 9016 | NCS S0502-G50Y
 - 2 Anthracite Graphite
RAL 7024 | NCS S7005-R50B
 - 3 Brilliant Gray
NCS S1002-Y
 - 4 Fine Maple



 **DORMA**HÜPPE

 **SKYFOLD**

dormakaba Group

DE

**DORMA Hüppe
Raumtrennsysteme
GmbH + Co. KG**

Industriestraße 5
26655 Ocholt
GERMANY
P +49 4409 666-0
F +49 4409 666-489
info-hueppe@dormakaba.com
www.dorma-hueppe.com

AT

**DORMA Hüppe
Austria GmbH**

Hollabererstraße 4b
4020 Linz
AUSTRIA
P +43 732 600451
F +43 732 650326
office@dorma-hueppe.at
www.dorma-hueppe.at