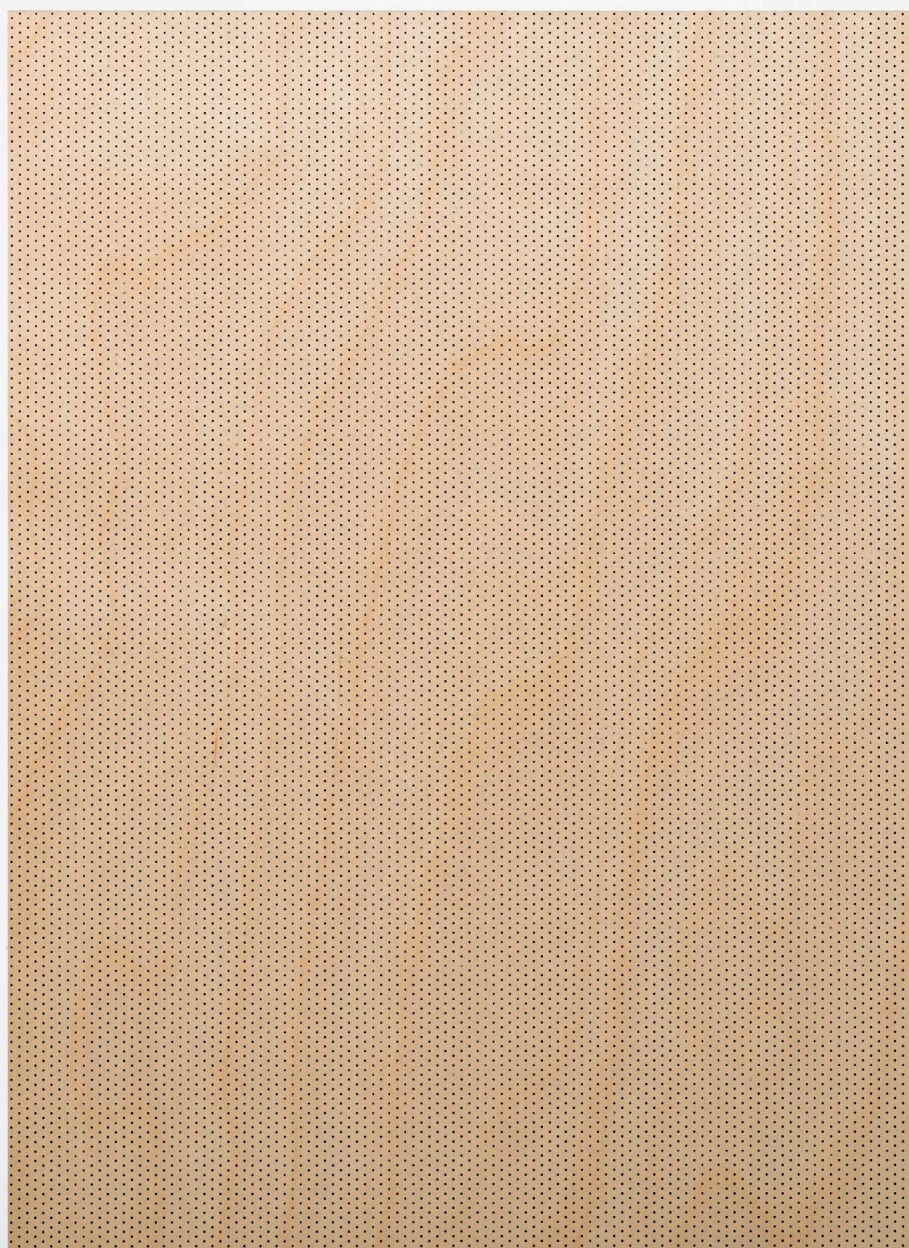


Nanoperforated - NP-2

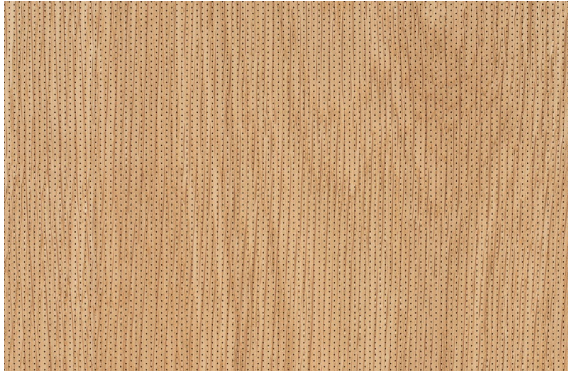
Key features:

Acoustic performance	Class C
Environmental factors	FSC® - C163652 certified upon request. Low emissions (E1 class)
Finishes	Veneer
Formats	Sheets, cupboard doors, planks, made to measure, , T-grid ceilings
Perforation front	0.5mm holes at 1.97mm diagonal centres Up to the edge of the panel. The perforations can differ slightly near the edge

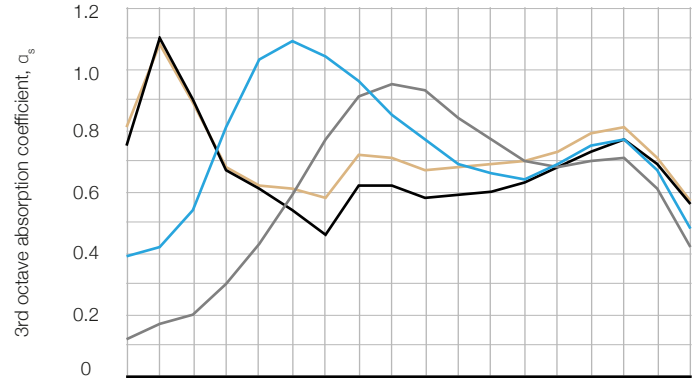


Nanoperforated - NP-2 datasheet

0.5mm holes at 1.97mm diagonal centres



Absorption data for Nanoperf (EN 354: 2003)



Nanoperf acoustic performance	α_w	Class	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz
70mm void with 50mm 40kg/m ³ mineral fibre	0,75 (L)	C	0,45	1,00	0,95	0,70	0,70	0,65
20mm void with 20mm 22.5/m ³ Polyester wool	0,70	C	0,15	0,45	0,90	0,85	0,70	0,60
Cupboard door with 500mm cavity (empty)	0,60	C	0,90	0,60	0,55	0,60	0,70	0,65
As above with 20mm Polyester wool (filled)	0,70	C	0,90	0,65	0,65	0,70	0,75	0,70

Specification checklist

Fire performance	B-s1-d0 components on request
Standard sheet	3000 x 1200 mm (veneer)
Standard sheet	3000 x 1200 mm (HPL)
Standard T&G planks	3000 x 192 mm
Made to measure	On request
Ceiling tiles	1200 x 600 and 600 x 600 mm
Acoustic cupboard doors	Made to measure (max 600mm width)
Thickness	17-19mm depending on specification
Weight	11kg/m ²
Core	Black moisture resistant MDF/Black fire retardant MDF (normal MDF on request)
Finishes	Veneer finishes with lacquer or oil
Clear lacquer sheen levels (veneer)	10% for fire retardant lacquer. Oil very matt
Wall mouting	Softwood battens at 600mm centres. Split batten system
Ceiling mounting	Semi-concealed T-Grid or planks mounted on MF grid.
Panel backing	Black fleece tissue inside the panel, Veneer panel backing.
Edging options	No edging (black core exposed) / Veneer / ABS / T&G / Loose tongue
Sustainability / Environment	FSC accredited on request, E1 Formaldehyde emissions
Trims, doors and finishing details available	Matching internal door covers, acoustic doors, edgings, skirting and returns on request