

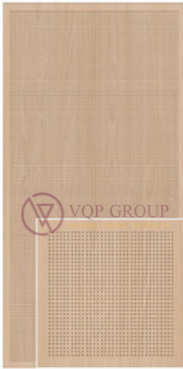
NEW COLLECTION

GỖ TIÊU ÂM

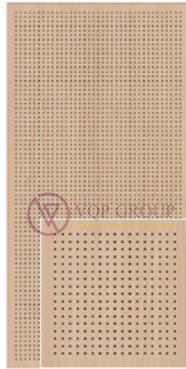
2026

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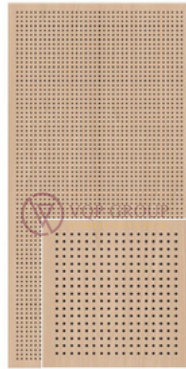
HOLE - STRAIGHT



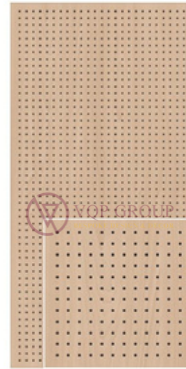
Name FHS4D15C
Hole Diameter 4mm
Horizontal Cntrs 15mm
Vertical Cntrs 15mm
NRC Value 0.65
Coverage % 2.74



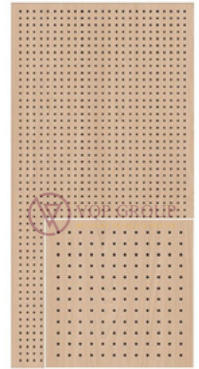
Name FHS8D30C
Hole Diameter 8mm
Horizontal Cntrs 30mm
Vertical Cntrs 30mm
NRC Value 0.65
Coverage % 2.74



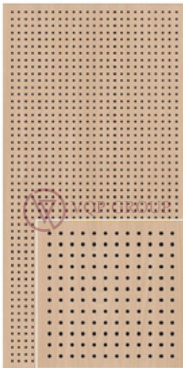
Name FHS10D30C
Hole Diameter 10mm
Horizontal Cntrs 30mm
Vertical Cntrs 30mm
NRC Value 0.8
Coverage % 2.66



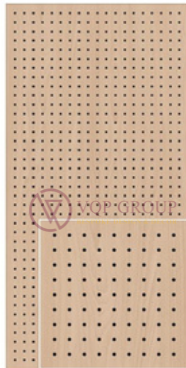
Name FHS10D45C
Hole Diameter 10mm
Horizontal Cntrs 45mm
Vertical Cntrs 45mm
NRC Value 0.55
Coverage % 2.78



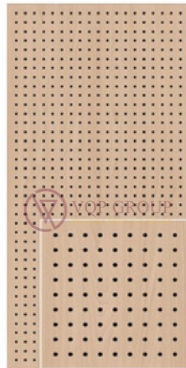
Name FHS12D45C
Hole Diameter 12mm
Horizontal Cntrs 45mm
Vertical Cntrs 45mm
NRC Value 0.65
Coverage % 2.73



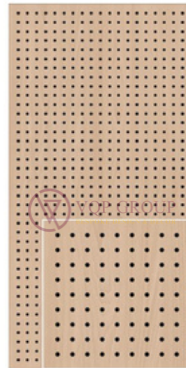
Name FHS14D45C
Hole Diameter 14mm
Horizontal Cntrs 45mm
Vertical Cntrs 45mm
NRC Value 0.75
Coverage % 2.68



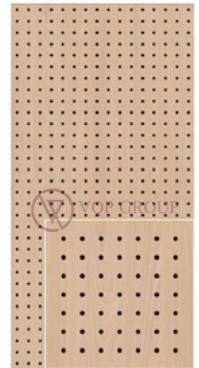
Name FHS14D60C
Hole Diameter 14mm
Horizontal Cntrs 60mm
Vertical Cntrs 60mm
NRC Value 0.55
Coverage % 2.77



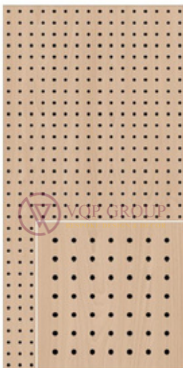
Name FHS16D60C
Hole Diameter 16mm
Horizontal Cntrs 60mm
Vertical Cntrs 60mm
NRC Value 0.6
Coverage % 2.73



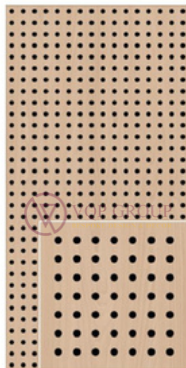
Name FHS18D60C
Hole Diameter 18mm
Horizontal Cntrs 60mm
Vertical Cntrs 60mm
NRC Value 0.7
Coverage % 2.69



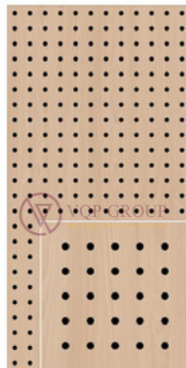
Name FHS18D75C
Hole Diameter 18mm
Horizontal Cntrs 75mm
Vertical Cntrs 75mm
NRC Value 0.55
Coverage % 2.75



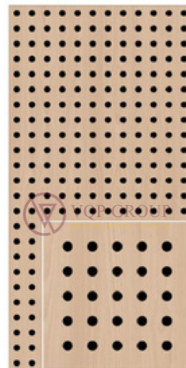
Name FHS20D75C
Hole Diameter 20mm
Horizontal Cntrs 75mm
Vertical Cntrs 75mm
NRC Value 0.6
Coverage % 2.72



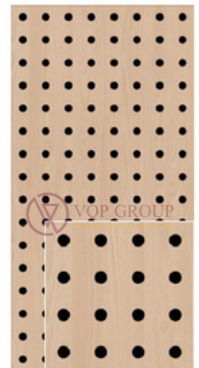
Name FHS30D75C
Hole Diameter 30mm
Horizontal Cntrs 75mm
Vertical Cntrs 75mm
NRC Value 0.8
Coverage % 2.52



Name FHS30D100C
Hole Diameter 30mm
Horizontal Cntrs 100mm
Vertical Cntrs 100mm
NRC Value 0.6
Coverage % 2.68

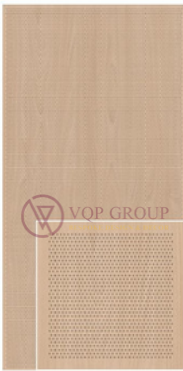


Name FHS40D100C
Hole Diameter 40mm
Horizontal Cntrs 100mm
Vertical Cntrs 100mm
NRC Value 0.75
Coverage % 2.52

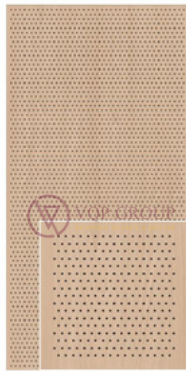


Name FHS50D150C
Hole Diameter 50mm
Horizontal Cntrs 150mm
Vertical Cntrs 150mm
NRC Value 0.55
Coverage % 2.63

HOLE - DIAGONAL



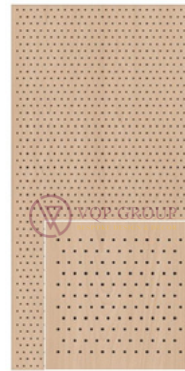
Name FHD4D15C
Hole Diameter 4mm
Horizontal Cntrs 15mm
Vertical Cntrs 30mm
NRC Value 0.8
Coverage % 2.73



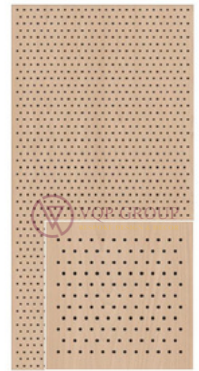
Name FHD8D30C
Hole Diameter 8mm
Horizontal Cntrs 30mm
Vertical Cntrs 60mm
NRC Value 0.85
Coverage % 2.73



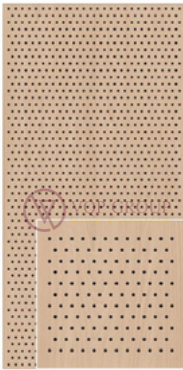
Name FHD10D30C
Hole Diameter 10mm
Horizontal Cntrs 30mm
Vertical Cntrs 60mm
NRC Value 0.9
Coverage % 2.64



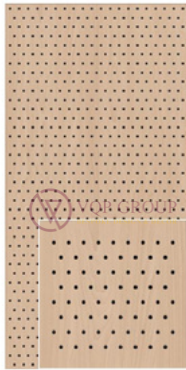
Name FHD10D45C
Hole Diameter 10mm
Horizontal Cntrs 45mm
Vertical Cntrs 90mm
NRC Value 0.75
Coverage % 2.77



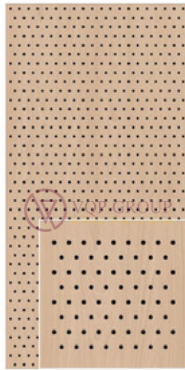
Name FHD12D45C
Hole Diameter 12mm
Horizontal Cntrs 45mm
Vertical Cntrs 90mm
NRC Value 0.85
Coverage % 2.73



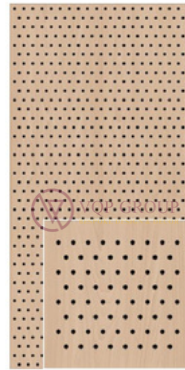
Name FHD14D45C
Hole Diameter 14mm
Horizontal Cntrs 45mm
Vertical Cntrs 90mm
NRC Value 0.9
Coverage % 2.67



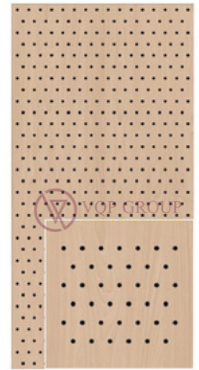
Name FHD14D60C
Hole Diameter 14mm
Horizontal Cntrs 60mm
Vertical Cntrs 120mm
NRC Value 0.76
Coverage % 2.76



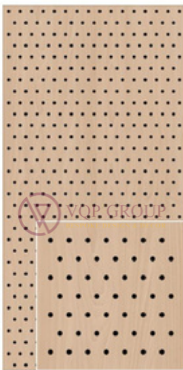
Name FHD16D60C
Hole Diameter 16mm
Horizontal Cntrs 60mm
Vertical Cntrs 120mm
NRC Value 0.85
Coverage % 2.72



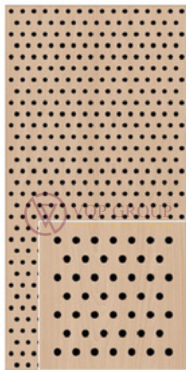
Name FHD18D60C
Hole Diameter 18mm
Horizontal Cntrs 60mm
Vertical Cntrs 120mm
NRC Value 0.85
Coverage % 2.68



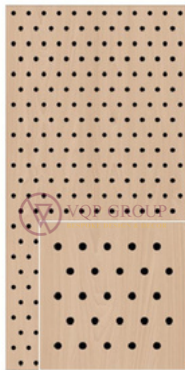
Name FHD18D75C
Hole Diameter 18mm
Horizontal Cntrs 75mm
Vertical Cntrs 150mm
NRC Value 0.75
Coverage % 2.75



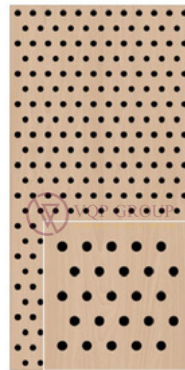
Name FHD20D75C
Hole Diameter 20mm
Horizontal Cntrs 75mm
Vertical Cntrs 150mm
NRC Value 0.8
Coverage % 2.72



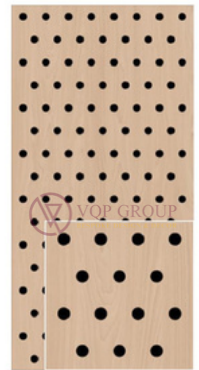
Name FHD30D75C
Hole Diameter 30mm
Horizontal Cntrs 75mm
Vertical Cntrs 150mm
NRC Value 0.95
Coverage % 2.53



Name FHD30D100C
Hole Diameter 30mm
Horizontal Cntrs 100mm
Vertical Cntrs 200mm
NRC Value 0.8
Coverage % 2.68

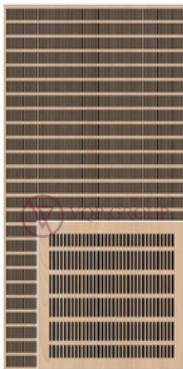


Name FHD40D100C
Hole Diameter 40mm
Horizontal Cntrs 100mm
Vertical Cntrs 200mm
NRC Value 0.95
Coverage % 2.53

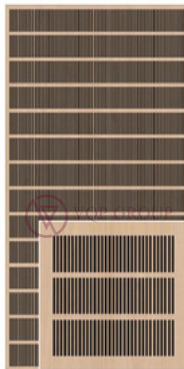


Name FHD50D150C
Hole Diameter 50mm
Horizontal Cntrs 150mm
Vertical Cntrs 300mm
NRC Value 0.8
Coverage % 2.64

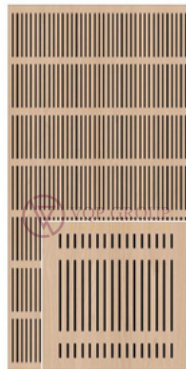
SLOTS A



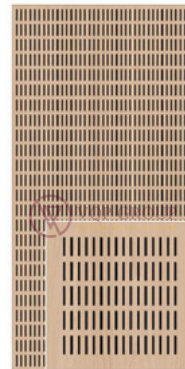
Name FS8X70-15C25G
Slots (WxH) 8x70mm
Horizontal Cntrs 15mm
Vertical Cntrs 95mm
NRC Value 0.9
Coverage % 1.69



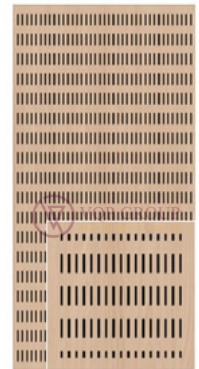
Name FS8X140-15C25G
Slots (WxH) 8x140mm
Horizontal Cntrs 15mm
Vertical Cntrs 165mm
NRC Value 0.9
Coverage % 1.62



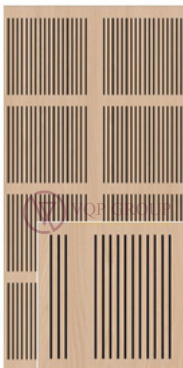
Name FS8X280-30C60G
Slots (WxH) 8x280mm
Horizontal Cntrs 30mm
Vertical Cntrs 340mm
NRC Value 0.9
Coverage % 2.25



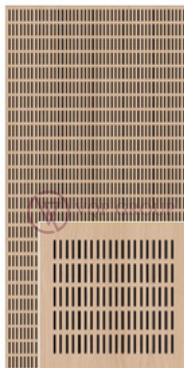
Name FS8X70-30C30G
Slots (WxH) 8x70mm
Horizontal Cntrs 30mm
Vertical Cntrs 100mm
NRC Value 0.85
Coverage % 2.31



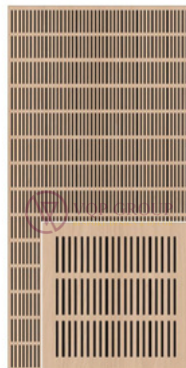
Name FS8X70-30C60G
Slots (WxH) 8x70mm
Horizontal Cntrs 30mm
Vertical Cntrs 190mm
NRC Value 0.8
Coverage % 2.31



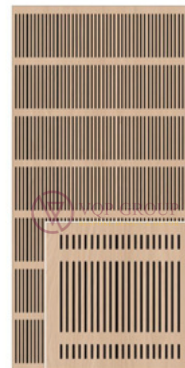
Name FS8X500-30C130GV
Slots (WxH) 8x500mm
Horizontal Cntrs 30mm
Vertical Cntrs 600mm
NRC Value 0.9
Coverage % 2.42



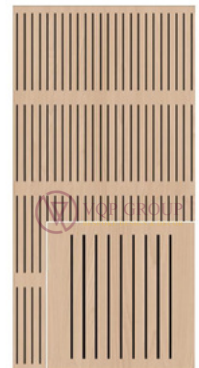
Name FS8X70-25C25G
Slots (WxH) 8x70mm
Horizontal Cntrs 25mm
Vertical Cntrs 95mm
NRC Value 0.9
Coverage % 2.16



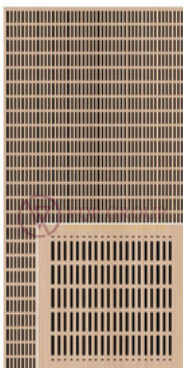
Name FS8X140-25C25G
Slots (WxH) 8x140mm
Horizontal Cntrs 25mm
Vertical Cntrs 165mm
NRC Value TBC
Coverage % TBC



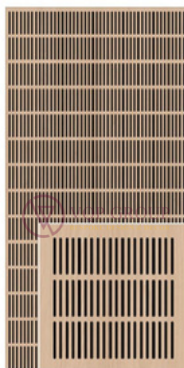
Name FS8X280-25C25G
Slots (WxH) 8x280mm
Horizontal Cntrs 25mm
Vertical Cntrs 305mm
NRC Value 0.9
Coverage % 2.13



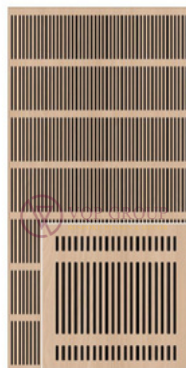
Name FS8X500-50C50G
Slots (WxH) 8x500mm
Horizontal Cntrs 50mm
Vertical Cntrs 600mm
NRC Value 0.85
Coverage % 2.30



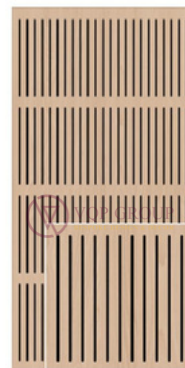
Name FS10X70-25C25G
Slots (WxH) 10x70mm
Horizontal Cntrs 25mm
Vertical Cntrs 95mm
NRC Value 0.9
Coverage % 1.97



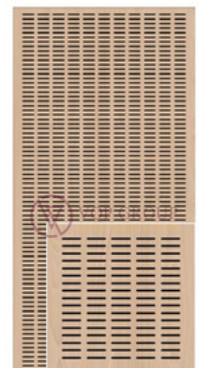
Name FS10X140-25C25G
Slots (WxH) 10x140mm
Horizontal Cntrs 25mm
Vertical Cntrs 165mm
NRC Value 0.9
Coverage % 1.91



Name FS10X280-25C25G
Slots (WxH) 10x280mm
Horizontal Cntrs 25mm
Vertical Cntrs 300mm
NRC Value 0.9
Coverage % 1.93



Name FS10X500-50C50G
Slots (WxH) 10x500mm
Horizontal Cntrs 50mm
Vertical Cntrs 600mm
NRC Value 0.85
Coverage % 2.41

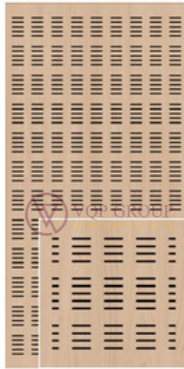


Name FS70X8-30C30G
Slots (WxH) 70x8mm
Horizontal Cntrs 100mm
Vertical Cntrs 30mm
NRC Value 0.85
Coverage % 2.36

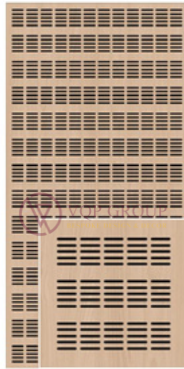
SLOTS B



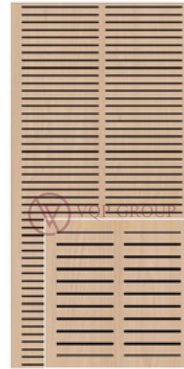
Name FS70X8/60C30G
Slots (WxH) 70x8mm
Horizontal Cntrs 60mm
Vertical Cntrs 30mm
NRC Value 0.8
Coverage % 2.45



Name FS70X8/60C30/70G
Slots (WxH) 70x8mm
Horizontal Cntrs 60mm
Vertical Cntrs 30/70mm
NRC Value 0.8
Coverage % 2.45



Name FS70X10/25C25/70G
Slots (WxH) 70x10mm
Horizontal Cntrs 25mm
Vertical Cntrs 25/70mm
NRC Value 0.9
Coverage % 2.24



Name FS500X10/50C50G
Slots (WxH) 500x10mm
Horizontal Cntrs 50mm
Vertical Cntrs 50mm
NRC Value 0.85
Coverage % 2.39



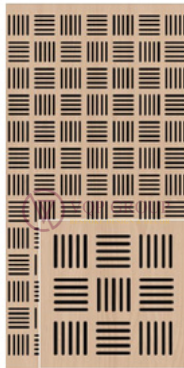
Name FS500X8/30C130GH
Slots (WxH) 500x8mm
Horizontal Cntrs 30mm
Vertical Cntrs 130mm
NRC Value 0.9
Coverage % 2.24



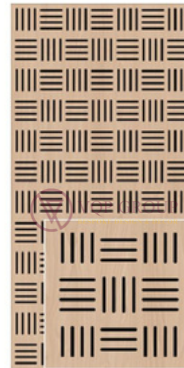
Name FS140X8/25C25/70G
Slots (WxH) 140x8mm
Horizontal Cntrs 25mm
Vertical Cntrs 25mm
NRC Value TBC
Coverage % 1.89



Name FS520X10/25C60/245G
Slots (WxH) 520x10mm
Horizontal Cntrs 25mm
Vertical Cntrs 60/245mm
NRC Value TBC
Coverage % 2.51



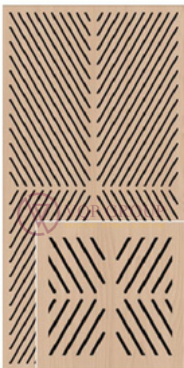
Name FS120X125/30C50GA
Slots (WxH) 12x125mm
Horizontal Cntrs 30mm
Vertical Cntrs 50mm
NRC Value TBC
Coverage % 2.15



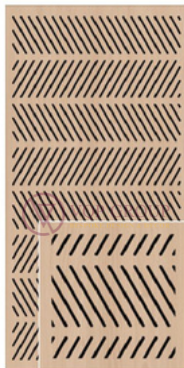
Name FS12X135/40C65GA
Slots (WxH) 12x135mm
Horizontal Cntrs 40mm
Vertical Cntrs 65mm
NRC Value TBC
Coverage % 2.31



Name FS12X50/50C45GADR
Slots (WxH) 12x50mm
Horizontal Cntrs 50mm
Vertical Cntrs 45mm
NRC Value TBC
Coverage % 2.30



Name FS12XV/55C35GDS
Slots (WxH) 12 x Various mm
Horizontal Cntrs 55mm
Vertical Cntrs 35mm
NRC Value TBC
Coverage % 2.31



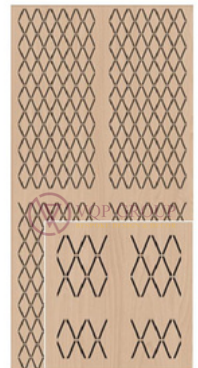
Name FS12XV/50C45GZ
Slots (WxH) 12 x Various mm
Horizontal Cntrs 50mm
Vertical Cntrs 45mm
NRC Value TBC
Coverage % 2.32



Name FS12X170SDS
Slots (WxH) 12x170mm
Horizontal Cntrs -
Vertical Cntrs -
NRC Value TBC
Coverage % 2.67



Name FS12X170SDG
Slots (WxH) 12x170mm
Horizontal Cntrs -
Vertical Cntrs -
NRC Value TBC
Coverage % 2.55



Name FS12X170SDP
Slots (WxH) 12x170mm
Horizontal Cntrs -
Vertical Cntrs -
NRC Value TBC
Coverage % 2.55

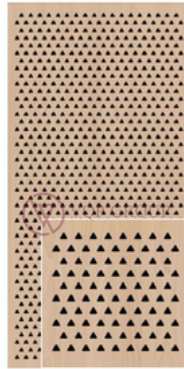
FEATURE A



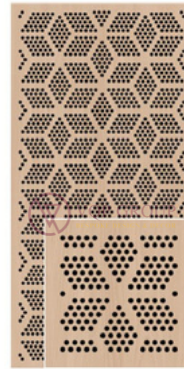
Name
Details Random Slots
Various sized slots in a random formation
NRC Value
Coverage % On Request



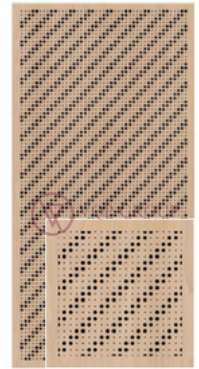
Name
Details Motherboard Holes
Various sized holes in a random formation
NRC Value
Coverage % On Request



Name
Details Triangles Small
30x30mm Triangles in a flag formation
Horizontal Cntrs
25mm
Vertical Cntrs
55mm
NRC Value
Coverage % On Request



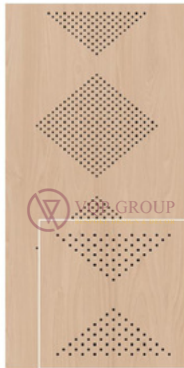
Name
Details Cube Holes
10mm Diameter holes in a cube formation
Horizontal Cntrs
30mm
Vertical Cntrs
30mm
NRC Value
Coverage % On Request



Name
Details Faded Holes
Angled rows of various sized holes
NRC Value
Coverage % On Request



Name
Details Woven Holes
12mm Diameter holes in a woven formation
Centres
50mm
NRC Value
Coverage % On Request



Name
Details Diamond Column Holes
12mm Diameter holes in a diamond formation
Centres
50mm
NRC Value
Coverage % On Request



Name
Details Flag Holes
8mm Diameter holes in a flag formation
Centres
25mm
NRC Value
Coverage % On Request



Name
Details Triangle Holes
12x50mm Triangle holes in a triangle formation
Horizontal Cntrs
50mm
Vertical Cntrs
45mm
NRC Value
Coverage % On Request



Name
Details Inverted Triangle Holes
8mm Diameter holes in an inverted triangle formation
Centres
25mm
NRC Value
Coverage % On Request



Name
Details Diamond Holes
8mm Diameter holes in a diamond formation
Centres
25mm
NRC Value
Coverage % On Request



Name
Details Star Holes
Various sized holes creating a 3D star effect
NRC Value
Coverage % On Request



Name
Details Mountain Small Holes
Various sized holes in a small mountain formation
NRC Value
Coverage % On Request

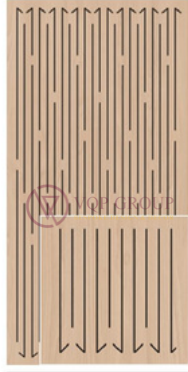
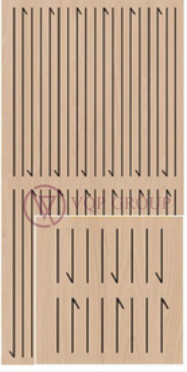


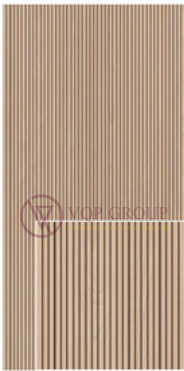
Name
Details Mountain Large Holes
Various sized holes in a large mountain formation
NRC Value
Coverage % On Request



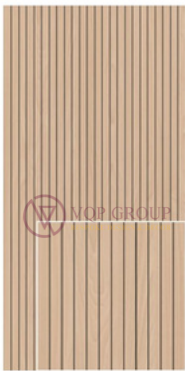
Name
Details Gradient Holes
Various sized holes in a gradient pattern
NRC Value
Coverage % On Request

FEATURE B

				
Name Dotted Lines Details 30mm Diameter holes separated by lines NRC Value On Request Coverage % On Request	Name Cross Diagonal Details 4/30x30mm Crosses in a diagonal formation NRC Value On Request Coverage % On Request	Name Cross Square Details 4/30x30mm Crosses in a square formation NRC Value On Request Coverage % On Request	Name Cross Grid Details 4/45x45mm Crosses in a grid formation NRC Value On Request Coverage % On Request	Name Cross Pane Details 10/35x35mm Crosses in a pane formation NRC Value On Request Coverage % On Request
				
Name Arrow Pattern 1 Details Various lines with arrows NRC Value On Request Coverage % On Request	Name Arrow Pattern 2 Details Various lines with arrows NRC Value On Request Coverage % On Request			



Name FG4W25CA
Groove Width 4mm
Groove Depth 3mm
Horizontal Cntrs 25mm
NRC Value 0.8
Coverage % 2.43



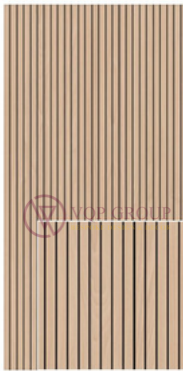
Name FG4W50CA
Groove Width 4mm
Groove Depth 3mm
Horizontal Cntrs 50mm
NRC Value 0.7
Coverage % 2.65



Name FG4W75CA
Groove Width 4mm
Groove Depth 75mm
Horizontal Cntrs 37.5mm
NRC Value 0.6
Coverage % 2.73



Name FG6W30CA
Groove Width 6mm
Groove Depth 3mm
Horizontal Cntrs 30mm
NRC Value 0.85
Coverage % 2.32



Name FG6W45CA
Groove Width 6mm
Groove Depth 45mm
Horizontal Cntrs TBC
NRC Value 0.8
Coverage % 2.51



Name FG6W60CA
Groove Width 6mm
Groove Depth 3mm
Horizontal Cntrs 60mm
NRC Value 0.75
Coverage % 2.59



Name FG6W75CA
Groove Width 6mm
Groove Depth 3mm
Horizontal Cntrs 75mm
NRC Value 0.65
Coverage % 2.65



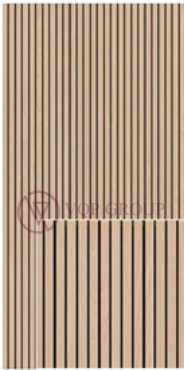
Name FG6W100CA
Groove Width 6mm
Groove Depth 3mm
Horizontal Cntrs 100mm
NRC Value 0.6
Coverage % 2.71



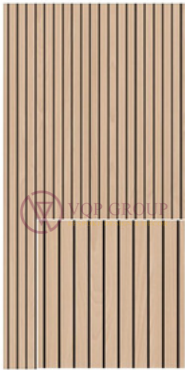
Name FG6W150CA
Groove Width 6mm
Groove Depth 3mm
Horizontal Cntrs 150mm
NRC Value 0.45
Coverage % 2.76



Name FG8W30CA
Groove Width 8mm
Groove Depth 3mm
Horizontal Cntrs 30mm
NRC Value 0.9
Coverage % 2.13



Name FG8W45CA
Groove Width 8mm
Groove Depth 3mm
Horizontal Cntrs 45mm
NRC Value 0.85
Coverage % 2.31



Name FG8W60CA
Groove Width 8mm
Groove Depth 3mm
Horizontal Cntrs 60mm
NRC Value 0.8
Coverage % 2.45



Name FG8W75CA
Groove Width 8mm
Groove Depth 3mm
Horizontal Cntrs 75mm
NRC Value 0.75
Coverage % 2.57



Name FG8W100CA
Groove Width 8mm
Groove Depth 3mm
Horizontal Cntrs 100mm
NRC Value 0.65
Coverage % 2.65

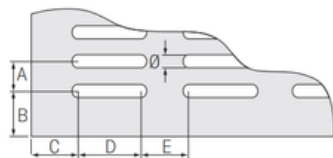
Panels - Bespoke perforation

Acoustic pattern - Slotted perforation

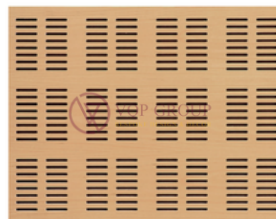
General measures for wall panelling.

B = 30 - 95 mm

In grouped perforation, B and C are variable.



SG8



OPEN AREA: 20%

A: 20 mm

B: 30 mm

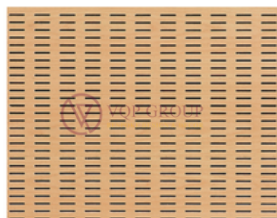
C: 30 mm

D: 55 mm

E: 30 mm

Diameter: 8 mm

SH5



OPEN AREA: 15%

A: 20 mm

B: 30 mm

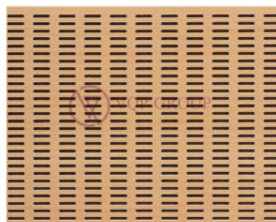
C: 30 mm

D: 40 mm

E: 30 mm

Diameter: 5 mm

SH8



OPEN AREA: 26%

A: 20 mm

B: 30 mm

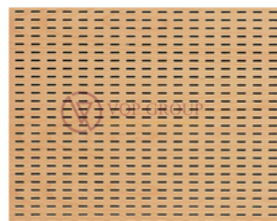
C: 30 mm

D: 40 mm

E: 30 mm

Diameter: 8 mm

SM5



OPEN AREA: 15%

A: 20 mm

B: 30 mm

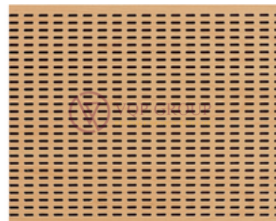
C: 30 mm

D: 20 mm

E: 20 mm

Diameter: 5 mm

SM8



OPEN AREA: 26%

A: 20 mm

B: 30 mm

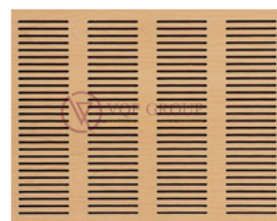
C: 30 mm

D: 20 mm

E: 20 mm

Diameter: 8 mm

SX8



OPEN AREA: 29%

A: 20 mm

B: 30 mm

C: 30 mm

D: 140 mm

E: 60 mm

Diameter: 5 mm

QS



OPEN AREA: 28%

A: 20 mm

B: 30 mm

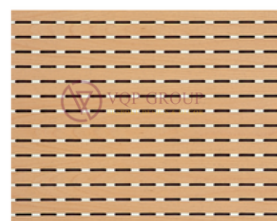
C: 30 mm

D: 190 mm

E: 140 mm

Diameter: 20 mm

RS8-C40



OPEN AREA: 13%

A: 40 mm

B: 30 mm

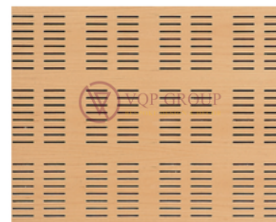
C: 30 mm

D: 40 mm

E: 20 mm

Diameter: 8 mm

SG5



OPEN AREA: 12%

A: 20 mm

B: 30 mm

C: 30 mm

D: 55 mm

E: 30 mm

Diameter: 5 mm

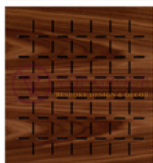
Panels - Bespoke perforation

Bespoke patterns



Cloud

OPEN AREA: N/A



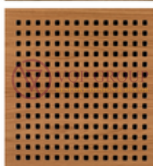
Cross

OPEN AREA: 8%



Morse 2.0

OPEN AREA: 14%



Square

OPEN AREA: 18%



Station

OPEN AREA: 4%



Symmetry

OPEN AREA: 27%



Wave

OPEN AREA: 13%



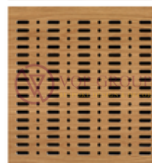
Wave 3.0

OPEN AREA: 13%



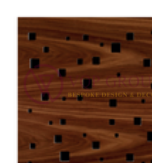
Autumn

OPEN AREA: 8%



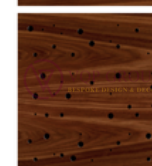
Morse

OPEN AREA: 15%



Square 2.0

OPEN AREA: 6%



Stars

OPEN AREA: 2%



Storm

OPEN AREA: 8%



Tornado

OPEN AREA: 21%



Wave 2.0

OPEN AREA: 11%

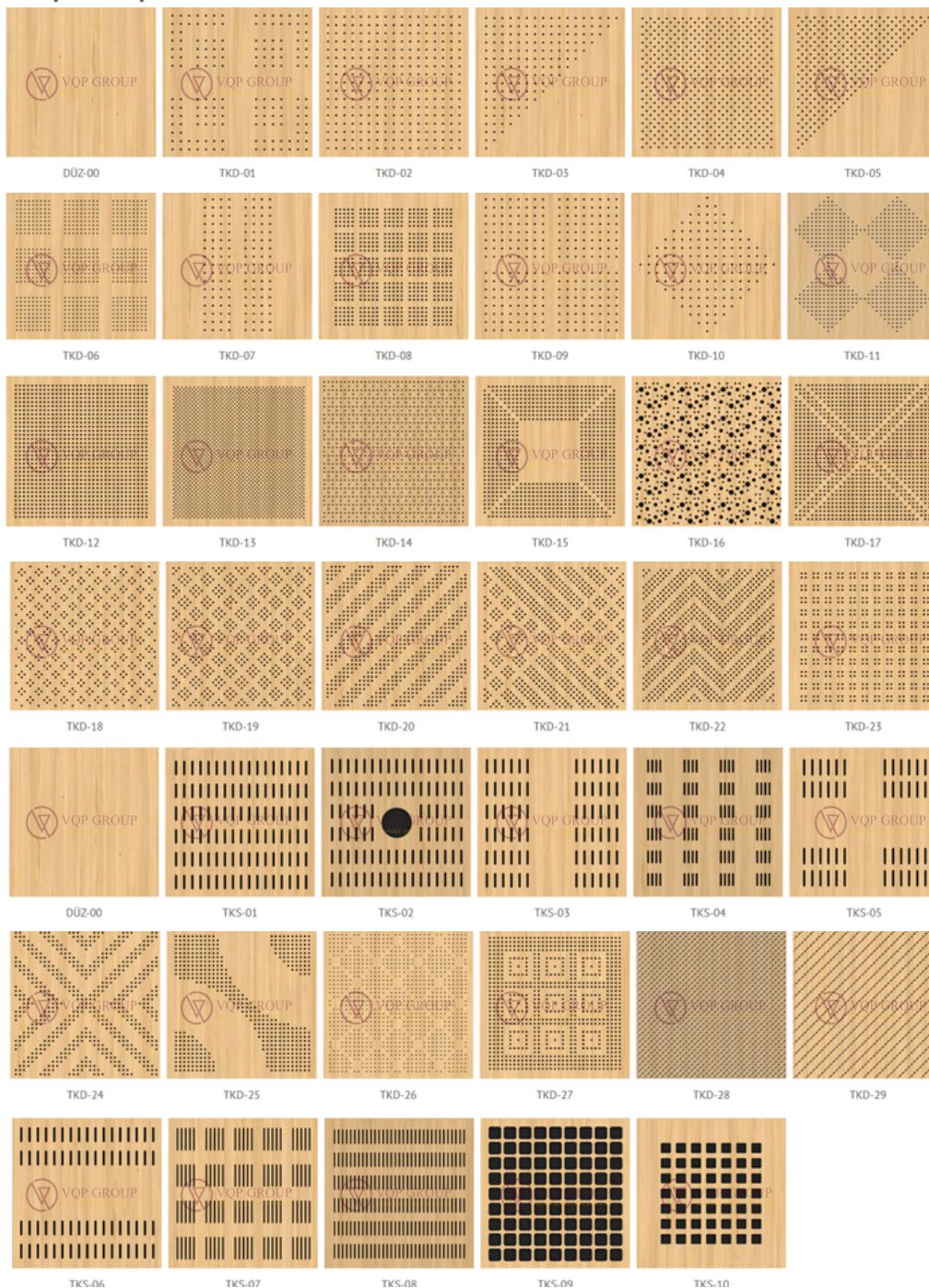


Wave 4.0

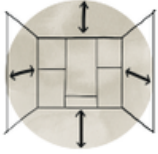
OPEN AREA: 12%

Panels - Bespoke perforation

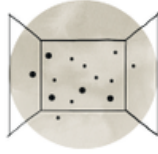
Bespoke patterns



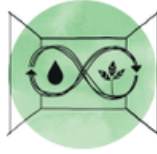
Panels - Bespoke perforation



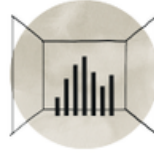
STABILITY



EMISSIONS



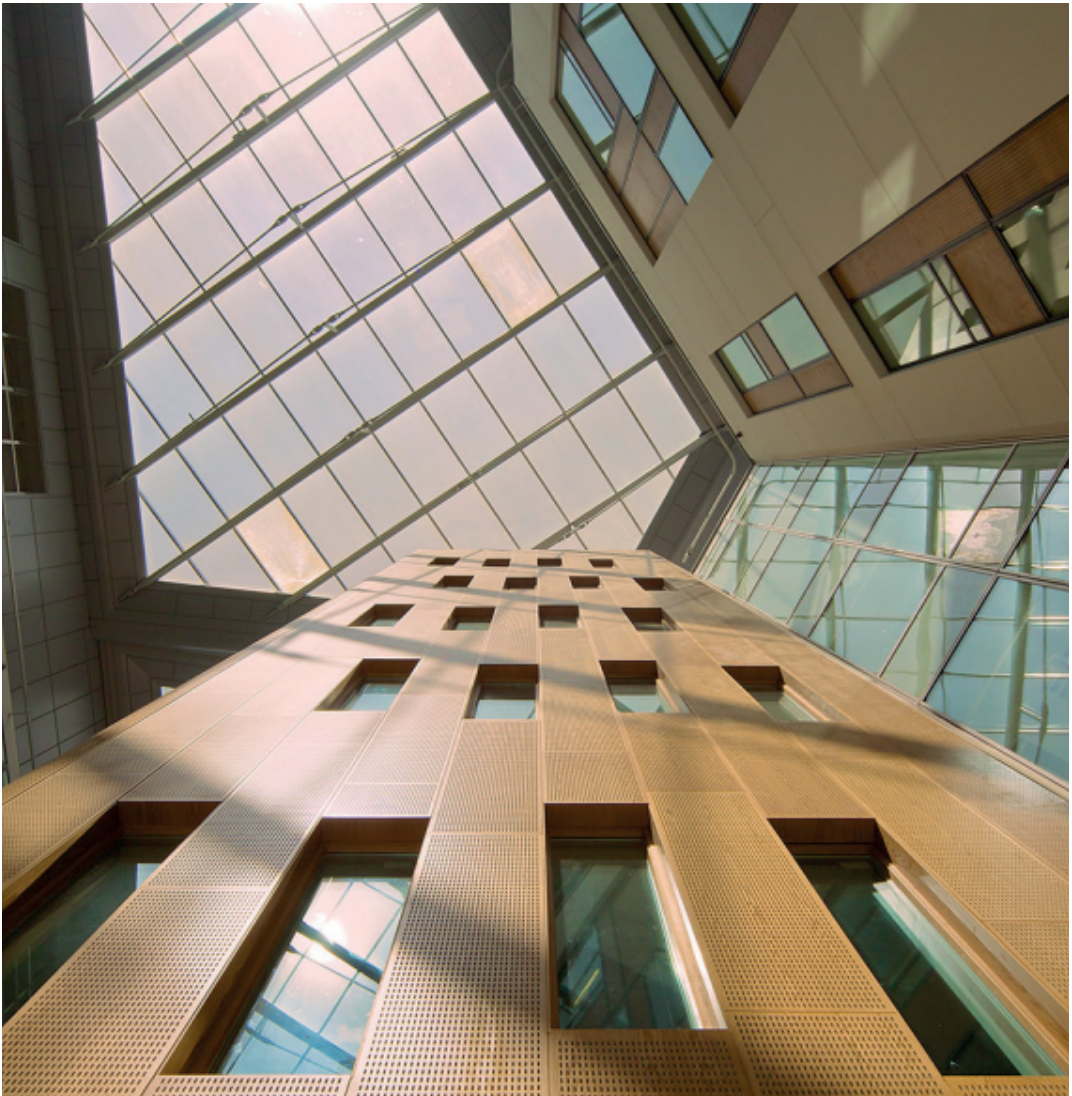
SUSTAINABILITY



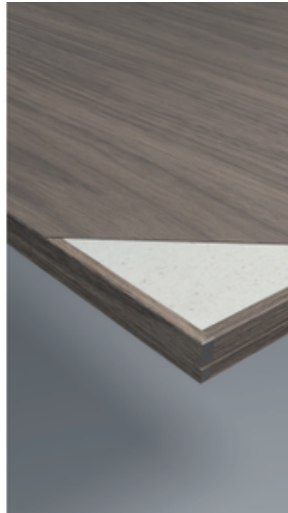
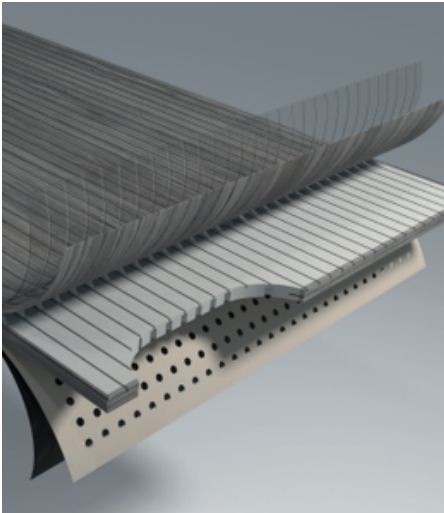
ACOUSTICS



FIRE SAFETY



Panels - Bespoke perforation

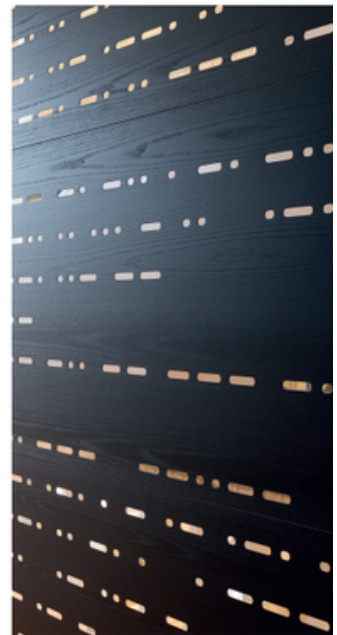


**Acoustic panels
customized to your
design - bespoke look,
same high quality**

BESPOKE

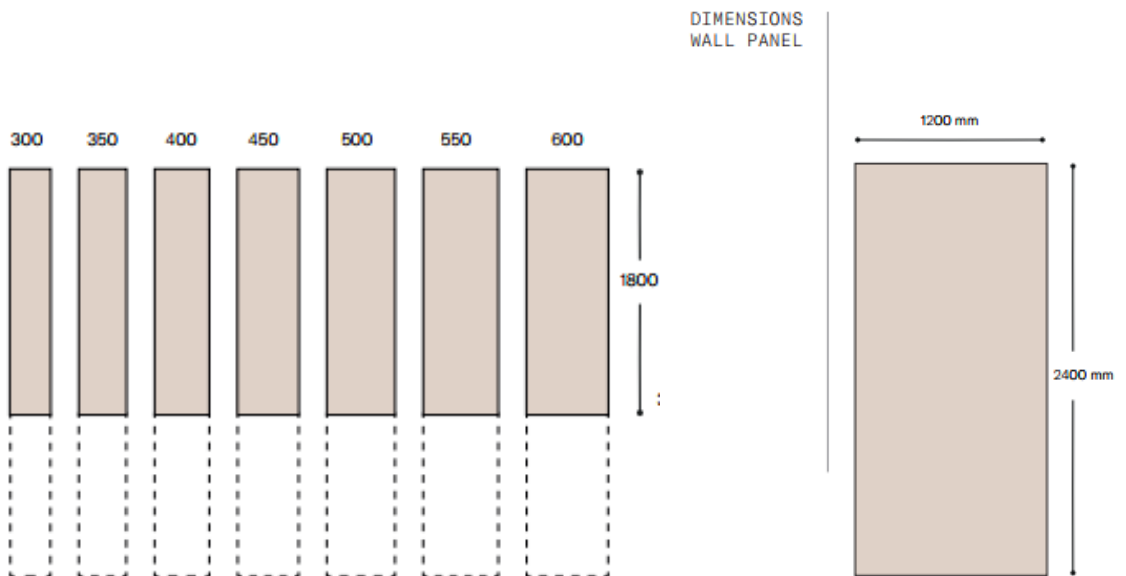
Our acoustic panels with bespoke perforation have the same attributes, except acoustic values, as our other acoustic panels regarding e.g. fire classification, emissions, core material and installation.

Harness the power of our production. Develop your own pattern, or use existing well-designed perforations.



Panels - Bespoke perforation

Dimensions



Panels - Bespoke perforation

Acoustics

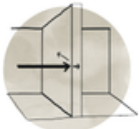


UNIQUE ACOUSTIC PROPERTIES

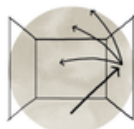
Depending on its function, each room requires its own unique sound characteristics. How a room sounds and feels depends largely on the acoustic properties of the materials in the room.

OPTIMAL SOUND ENVIRONMENT

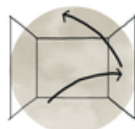
Create an optimal sound environment by combining a selection of Gustafs perforation patterns, each with their own highly calibrated acoustic properties.



ABSORPTION



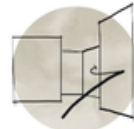
DIFFUSION



REFLECTION



TRANSMISSION



DIFFRACTION

Acoustic values

WALL | 45 mm INSULATION + 30 mm AIR VOID

TYP	HOLE c/c	OPEN AREA	α_w	NCR
SM5	20/20	20%	0,65-C	0,80
SM8	20/20	26%	0,85-B	0,85
SH5	20/30	15%	0,60-C	0,80
SH8	20/30	26%	0,75-C	0,85
SG5	20/30	12%	0,50-D	0,75
SG8	20/30	20%	0,65-C	0,85
SX5	20/60	18%	0,70-C	0,80
SX8	20/60	29%	0,80-B	0,85
RS5	20/30	16%	0,65-C	0,80
RS8	40/30	13%	0,60-C	0,70
QS	40/140	28%	0,50-D	0,65

CEILING | 45 mm INSULATION + 200 mm AIR VOID

α_w	NCR
0,65-C	0,75
0,85-B	0,85
0,60-C	0,80
0,75-C	0,90
0,55-D	0,70
0,65-C	0,85
0,70-C	0,75
0,85-B	0,85
0,65-C	0,75
0,60-C	0,65
0,75-C	0,75



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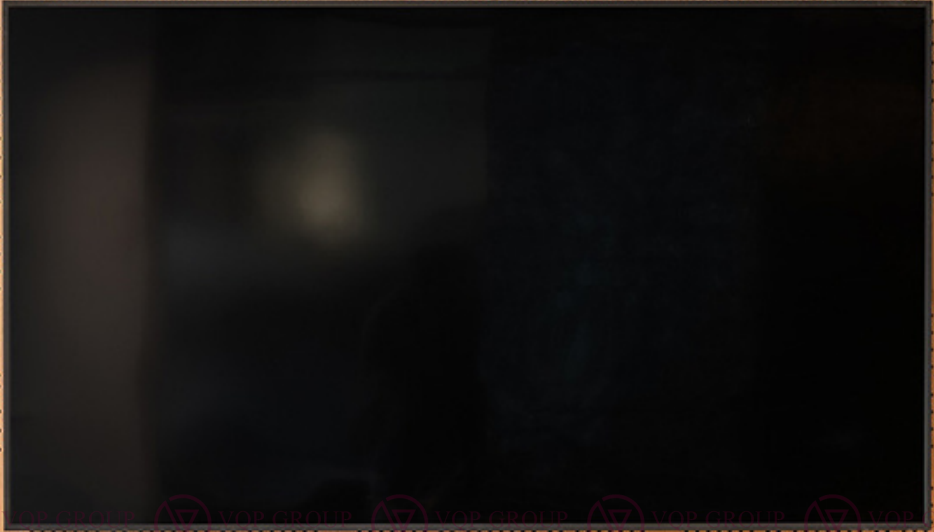
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