VECTA® design

STRETCH CEILING SYSTEMS

ACOUSTIC

Vecta Design acoustical ceilings sound as good as they look, delivering the same noise control as other acoustical solutions.

Available acoustical finishes are: Matte, Satin, Lacquer, Translucent.
Vecta Design acoustic ceilings can be used with and without sound absorption sheets. With sound absorption sheet the rated acoustics class is A.
With sound absorption sheet the thermal-acoustic insulating material is recognized for its exceptional acoustic absorbing and thermal insulating properties. Vecta Design offers 2 kinds of absorbents with a density of 25 kg/m^3: thickness of 30 mm and 50mm. The sheet contains no toxic substances, it can be handled and installed safely.
Vecta Design acoustical ceilings can be used in the public and private places, where intensity of sound (noise) should be reduced, for example: airports, museums, churches, night clubs, restaurants.

For additional information please visit

www.vectadesign.com

sound eco

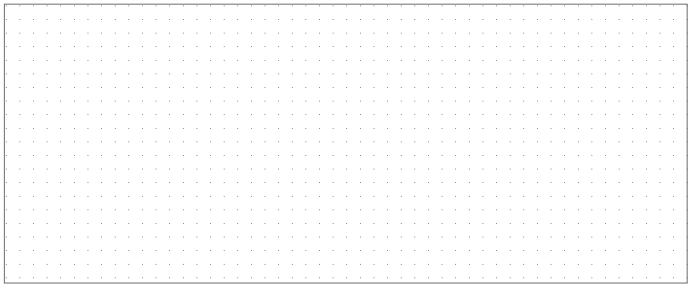
EMISSIONS FROM THE CEILING INTO INDOOR AIR

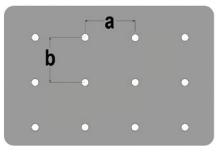
A+

A+ A B C

PERFORATION DATA SHEET

VECTA® STRETCH CEILING SYSTEMS design

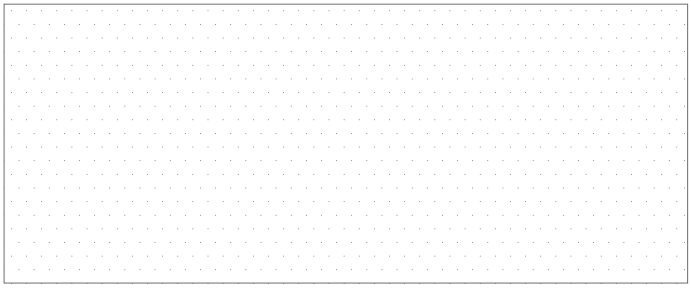


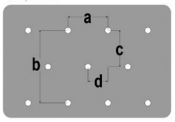


a - 1,8 mm
b - 1,8 mm
ø - 0,1 mm

Microperforation Volans

Holes: 300 000/m²
Hole diameter: 0,1 mm
Mat, satin

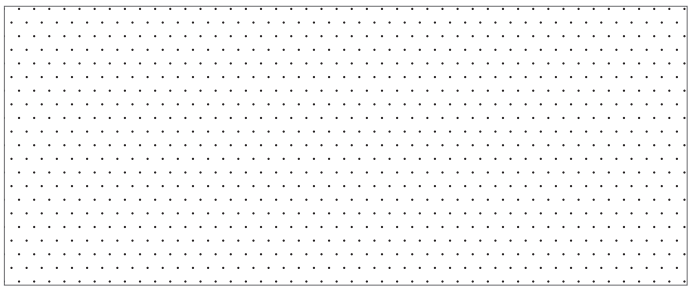


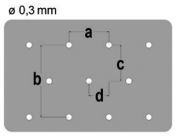


a - 2 mm
b - 3,6 mm
c - 1,8 mm
d - 1 mm
ø - 0,10 mm

Microperforation Auriga

Holes: 300 000/m²
Hole diameter: 0,1 mm
Lacquer, mat, satin, translucent

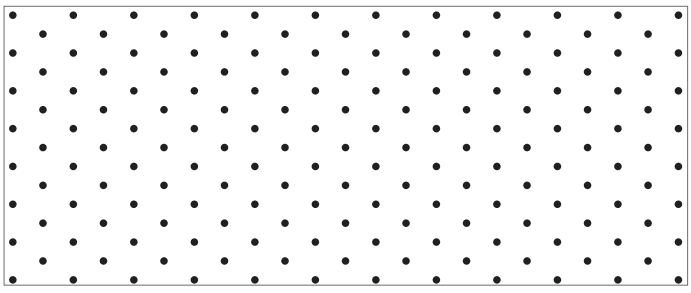


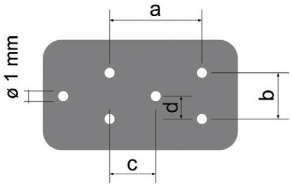


a - 2 mm
b - 3,6 mm
c - 1,8 mm
d - 1 mm
ø - 0,30 mm

Microperforation Orion

Holes: 300 000/m²
Hole diameter: 0,30 mm

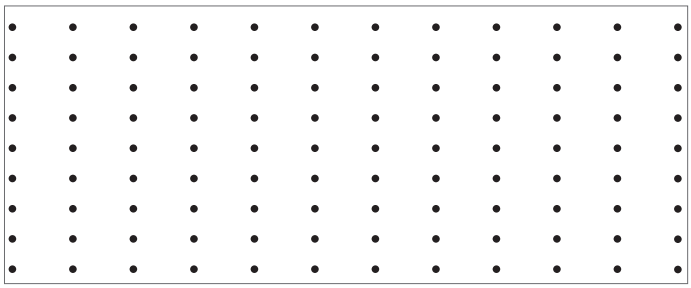


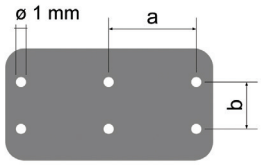


a - 8 mm
b - 5 mm
c - 4 mm
d - 2,5 mm
ø - 1 mm

Macroperforation Cetus

Holes: 52 000/m²
Hole diameter: 1 mm

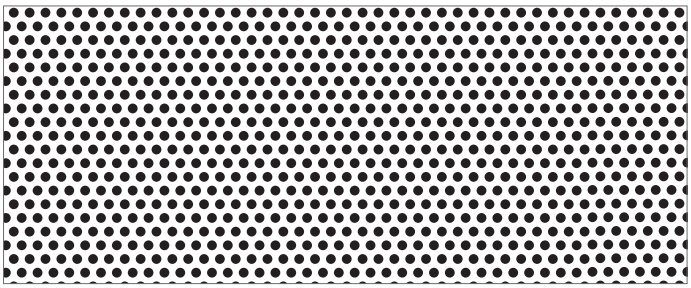


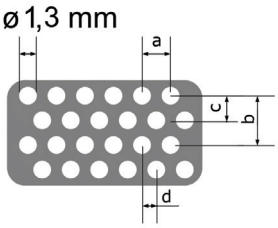


a - 8 mm
b - 4 mm
ø - 1 mm

Macroperforation Crater

Holes: 32 500/m²
Hole diameter: 1 mm





a - 2,1 mm
b - 3,63 mm
c - 1,82 mm
d - 1,05 mm
ø - 1,3 mm

Macroperforation Libra

Holes: 254 000/m²
Hole diameter: 1,3 mm

WITH SOUND ABSORPTION SHEET*

Sound absorption rating according to ISO 11654:
Weighted sound absorption coefficient α_w = 0.90 (L)
Sound absorption class: A
Sound absorption rating according to ASTM C423:
Noise Reduction Coefficient NRC = 1.00
Sound Absorption Average SAA = 1.00

WITHOUT SOUND ABSORPTION SHEET*

Sound absorption rating according to ISO 11654:
Weighted sound absorption coefficient α_w = 0.45 (L)
Sound absorption class: D
Sound absorption rating according to ASTM C423:
Noise Reduction Coefficient NRC = 0.55
Sound Absorption Average SAA = 0.55

* - For microperforation Auriga

Vecta Design LTD Pärlimõisa tee 20 Pärnu 80010 Estonia Phone: +372-(44)-23-023 Fax: +372-(43)-70-339 info@vectadesign.com www.vectadesign.com