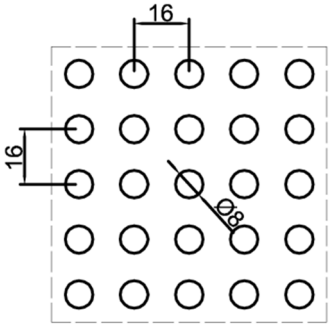
TECHNICAL SPECIFICATIONS
ACOUSTIC PANELS

decustik

REFERENCE **PAP018**

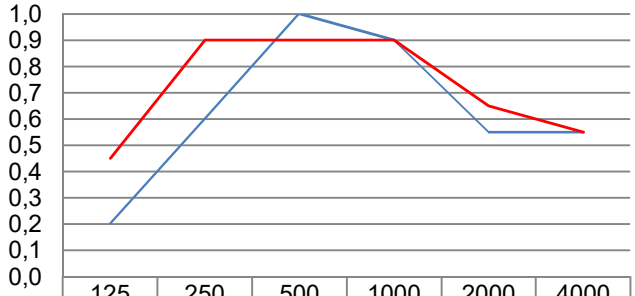
DESCRIPTION Acoustic panel with aligned holes



ACOUSTIC FEATURES

Pitch (mm)		16x16
		Aligned
Hole diameter (mm)		Ø 8
Hole depth (mm)		Through
Perforated area (%)		19.6
Sound absorption		
Plenum 40mm	α_w	0.65
	NRC	0.75
Plenum 200mm	α_w	0.70
	NRC	0.85
Absorption class		C
Mineral wool behind		40mm
		30kg/m^3

Absorption according UNE-EN ISO 354



	125	250	500	1000	2000	4000
Plenum 40mm	0,20	0,60	1,00	0,90	0,55	0,55
Plenum 200mm	0,45	0,90	0,90	0,90	0,65	0,55

Frequency [Hz]

GENERAL FEATURES

Materials

MDF standard D-s2.d0
MDF fireproof B-s1.d0 (with red or natural core)
MDF coloured throughout D-s2.d0
MDF coloured throughout B-s2.d0

Thickness (mm)

16mm and 12mm (MDF).
For other materials and thickness, contact DECUSTIK

Approximate weight (kg/m²)

7.5 (MDF standard 12mm) 9.5 (MDF fireproof 12mm)
10.0 (MDF standard 16mm) 12.5 (MDF fireproof 16mm)

Panel sizes (mm)

MDF 12mm: 1200x600 / 600x600
MDF 16mm: 2400x600 / 1200x600
For other dimensions, contact with DECUSTIK

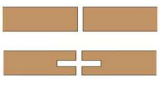
Finishing

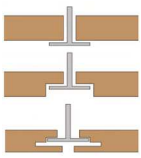
With no finish Natural wood veneer
Lacquered RAL High pressure laminate (HPL) Melamine
For other finishing, contact with DECUSTIK

APPLICATION

Wall coverings (MDF 16mm)

Straight visible
Loose tongue



Ceilings (MDF 12mm)

Straight visible
Semi concealed
Concealed movable