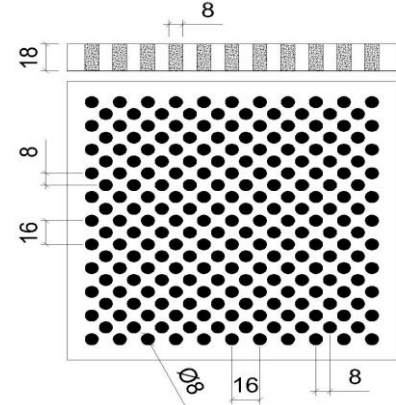
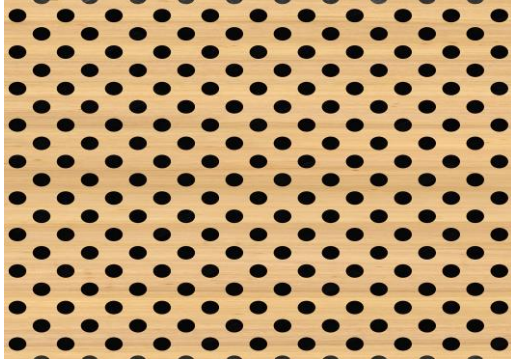


PRODUCT DEFINITION:

Acoustic panel with holes on wieved face and at back side. Soundtex black glass tissue applied to back face. Various color options available on all visible surfaces. Used for interior applicants in general building and civil engineering structures.



| FREQUENCY(HZ) | | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 |
|------------------------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| SOUND ABSORPTION COEFFICIENT | Plenum 200mm | 0,27 | 0,38 | 0,46 | 0,58 | 0,73 | 0,75 | 0,94 | 0,98 | 0,92 | 0,85 | 0,73 | 0,80 | 0,86 | 0,85 | 0,87 | 0,90 | 0,91 | 0,89 |
| | Plenum 63mm | 0,21 | 0,26 | 0,35 | 0,53 | 0,68 | 0,81 | 0,99 | 1,02 | 1,00 | 1,08 | 1,04 | 1,04 | 1,03 | 1,02 | 1,02 | 1,07 | 1,09 | 1,05 |

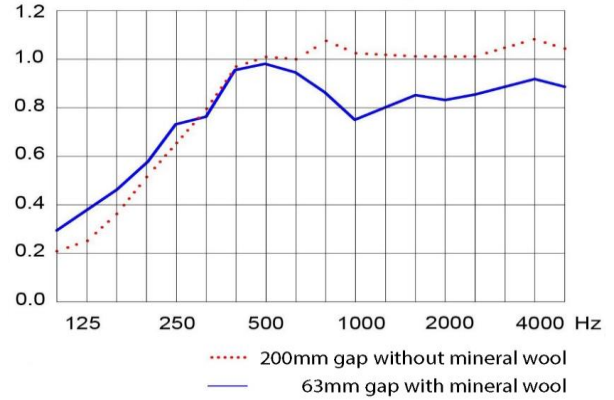
ACOUSTIC FEATURES:

| | |
|-----------------------------|------|
| Distance Between Holes (mm) | 16 |
| Diameter Of Hole (mm) | 8 |
| Pitch Of Hole (mm) | 16x8 |
| Depth Of Hole (mm) | 18 |
| Perforated Area (%) | 23 |

ACOUSTIC VALUES

| | NRC | Euro Class |
|-----------------------|-------|------------|
| Mounting Depth | | |
| Plenum 63 mm | 0,95 | A |
| Plenum 200 mm | 0,80 | B |
| Mineral Wool | 50 mm | 50 kg/m3 |

Absorption according to EN ISO 354



GENERAL FEATURES:

| | |
|--------------------|--|
| Materials | MDF Standart D-s2.d0 MDF Fireproof B-s2.d0 |
| Thickness (mm) | 18mm (MDF) For other materials and thicknesses, please contact with PERFOPAN |
| Approximate Weight | 13,45 kg/m2 18mm Standart MDF 14,60 kg/m2 18mm Fireproof MDF |
| Finishing | Melamine Wood Veneered High Pressure Laminate (HPL) Varnished Lacquered to RAL Chart |

Sizes

| Aluminium Profile | FR Class | D Class |
|-------------------|----------|----------------------|
| Melamine | 512x1390 | 512x1390 |
| | 672x1390 | 672x1390 |
| | 512x2780 | 512x2780 |
| | 672x2780 | 672x2780 |
| | | 576x1800 576x3640 |
| HPL | 512x1390 | 512x1390 |
| | 672x1390 | 672x1390 |
| | 512x2780 | 512x2780 |
| | 672x2780 | 672x2780 |
| | | 576x1800 576x3640 |

| Aluminium Profile | FR Class | D Class |
|-------------------|----------|----------------------|
| Veneered | 512x1390 | 512x1390 |
| | 672x1390 | 672x1390 |
| | 512x2780 | 512x2780 |
| | 672x2780 | 672x2780 |
| Lacquered | 512x1390 | 512x1390 |
| | 672x1390 | 672x1390 |
| | 512x2780 | 512x2780 |
| | 672x2780 | 672x2780 |
| | | 576x1800 576x3640 |