

REFERENCE PE036
DESCRIPTION Slatted panel with 20x60mm slats spaced 80mm

ACOUSTIC FEATURES

Slat section (mm) 20x60
Slat spacing (mm) 80
Panel thickness (mm) 83
Perforated area (%) 72

Acoustic absorption

| Plenum | α_w | NRC | Class |
|-----------|------------|------|-------|
| 19mm | 0,55 | 0,75 | D |
| 40mm | 0,70 | 0,80 | C |
| 40mm (+) | 0,95 | 0,90 | A |
| 200mm | 0,90 | 0,90 | A |
| 200mm (+) | 0,95 | 1,00 | A |

Mineral Wool (integrated) 15 mm 70 kg/m³
Additional Mineral Wool inside the plenum (+) 45 mm 21 kg/m³

GENERAL FEATURES

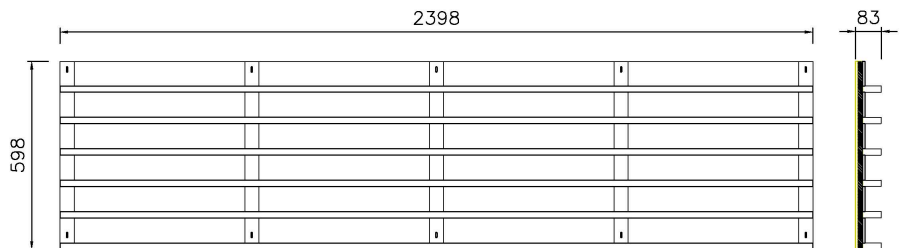
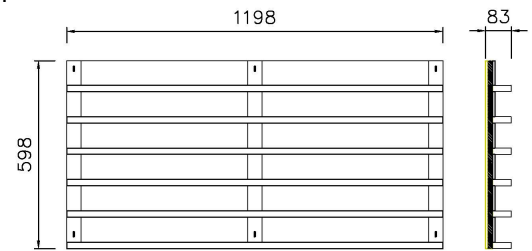
Base material of slats

MDF standard D-s2,d0
MDF fireproof B-s2,d0
Solid wood

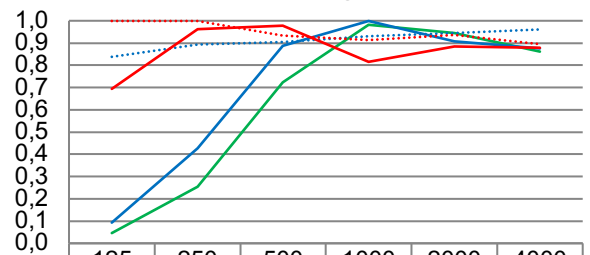
Base material of crossies

MDF standard D-s2,d0
MDF fireproof B-s2,d0

For other materials and thickness, contact DECUSTIK



Absorption according UNE-EN ISO 354



| | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|--------------------|------|------|------|------|------|------|
| — Plenum 19mm | 0,05 | 0,25 | 0,72 | 0,98 | 0,94 | 0,86 |
| — Plenum 40mm | 0,09 | 0,43 | 0,89 | 1,00 | 0,91 | 0,88 |
| ⋯ Plenum 40mm (+) | 0,84 | 0,89 | 0,91 | 0,93 | 0,95 | 0,96 |
| — Plenum 200mm | 0,69 | 0,96 | 0,98 | 0,82 | 0,89 | 0,88 |
| ⋯ Plenum 200mm (+) | 1,00 | 1,00 | 0,93 | 0,91 | 0,94 | 0,90 |

Frequency [Hz]

Weight approx. (kg/m²)

10,7 (MDF Standard)
12,2 (MDF Fireproof)
10,1 (Spruce)
10,3 (Pine)
11,0 (Oak)

Sizes (mm)

For wall and ceiling
2400x600 (2398x598 real)
1200x600 (1198x598 real)
Designed to install with a 2mm clearance between panels
For other dimensions, consult

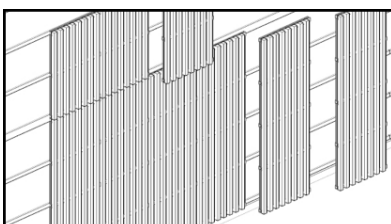
Finishing

Varnished natural wood veneer
Solid varnished natural wood
CPL Lacquered
CPL decorative design
For other finishes, consult

APPLICATION

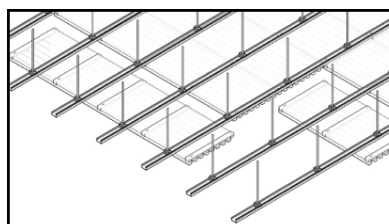
Wall coverings

Screwed to batten

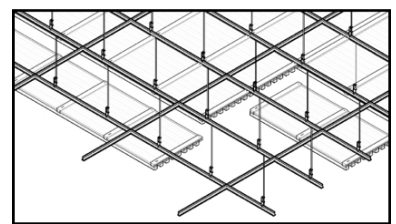


Ceilings

Screwed to T60 profile



Fixed with plates to T24 profiles



Important note: Due to the weight of some models and especially in ceiling mounting, it is essential to ensure that the structure and anchors support the weight of the panels.