



PROTONE 12MM SQUARE MINIGRID (47)

Eight large square groupings per sheet, each with nine mini grids of 16 x 12mm square perforations at 25mm centres. This subtle pattern provides an open area of 6%. Supplied with white acoustic fabric backing.

An access panel consisting of a frame and matching. 510mm x 510mm hatch is available.

| Protone 12mm Square Mini Grid 6% open area | | | | Sound Absorption Coefficient a_p | | | | | |
|---|--|----------------|-------------|---------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Plenum (Air Cavity) | Plenum Insulation | a_w | NRC | Octave Band Centre Frequency (Hz) | | | | | |
| | | | | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| 65mm | Empty | 0.35 | 0.35 | 0.20 | 0.25 | 0.35 | 0.45 | 0.35 | 0.20 |
| | 50mm glasswool (14kg/m ³) | 0.35(L) | 0.40 | 0.35 | 0.45 | 0.50 | 0.40 | 0.30 | 0.25 |
| 200mm | Empty | 0.35(L) | 0.40 | 0.50 | 0.50 | 0.45 | 0.35 | 0.30 | 0.25 |
| | 50mm glasswool (14kg/m ³) | 0.40(L) | 0.40 | 0.55 | 0.50 | 0.45 | 0.40 | 0.30 | 0.30 |
| 600mm | Empty | 0.40(L) | 0.40 | 0.55 | 0.50 | 0.35 | 0.40 | 0.35 | 0.35 |
| | 50mm glasswool (14kg/m ³) | 0.45 | 0.45 | 0.60 | 0.45 | 0.45 | 0.45 | 0.35 | 0.40 |

Bold values are test report data conducted at the CSIRO Melbourne laboratories. Non-bold values are acoustic predictions by PKA Acoustic Consulting. (L) denotes excess performance at 250Hz.

