



# PROTONE

## 12MM SQUARE (41)

Eight large square groupings per sheet, each with 400 x 12mm square perforations at 25mm centres, providing a 16% open area. Supplied with white acoustic fabric backing.

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

Protone 12mm Square 16% 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	0.55	0.55	0.20	0.35	0.55	0.75	0.60	0.40
	50mm glasswool (14kg/m <sup>3</sup> )	0.70	0.70	0.40	0.65	0.80	0.70	0.65	0.55
200mm	Empty	<b>0.60(L)</b>	<b>0.65</b>	<b>0.60</b>	<b>0.70</b>	<b>0.75</b>	<b>0.55</b>	<b>0.55</b>	<b>0.55</b>
	50mm glasswool (14kg/m <sup>3</sup> )	<b>0.70</b>	<b>0.70</b>	<b>0.65</b>	<b>0.70</b>	<b>0.70</b>	<b>0.65</b>	<b>0.65</b>	<b>0.60</b>
600mm	Empty	0.65(L)	0.65	0.65	0.70	0.65	0.60	0.60	0.65
	50mm glasswool (14kg/m <sup>3</sup> )	0.70	0.70	0.70	0.65	0.70	0.70	0.70	0.70

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.

