



RIGITONE MATRIX

8MM ROUND (8/18)

A pattern of 8mm round perforations spaced at 18mm centres, providing a 15.5% open area. Supplied with a white acoustic fabric backing.

Matrix 8mm Round 15.5% 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
200mm	Empty	0.60(L)	0.65	0.55	0.70	0.75	0.65	0.55	0.50
	50mm glasswool (14kg/m ³)	0.75(L)	0.75	0.70	0.80	0.75	0.75	0.70	0.70
600mm	Empty	0.65(L)	0.65	0.60	0.70	0.65	0.60	0.60	0.55
	50mm glasswool (14kg/m ³)	0.75	0.75	0.70	0.75	0.70	0.70	0.75	0.75

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.

