



RIGITONE MATRIX

15MM ROUND (15/30)

A regular pattern of 15mm round perforations at 30mm centres combine to give Class C sound absorption and 19.6% perforated area. Supplied with white acoustic fabric backing.

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

Matrix 19.6% 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
200mm	Empty	0.55(LM)	0.65	0.50	0.75	0.80	0.60	0.50	0.45
	50mm glasswool (14kg/m ³)	0.80(L)	0.85	0.70	0.85	0.85	0.85	0.70	0.70
600mm	Empty	0.65	0.65	0.60	0.65	0.65	0.65	0.60	0.50
	50mm glasswool (14kg/m ³)	0.80	0.80	0.70	0.70	0.80	0.85	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.

