



# Protone 12mm Square Minigrid (47)

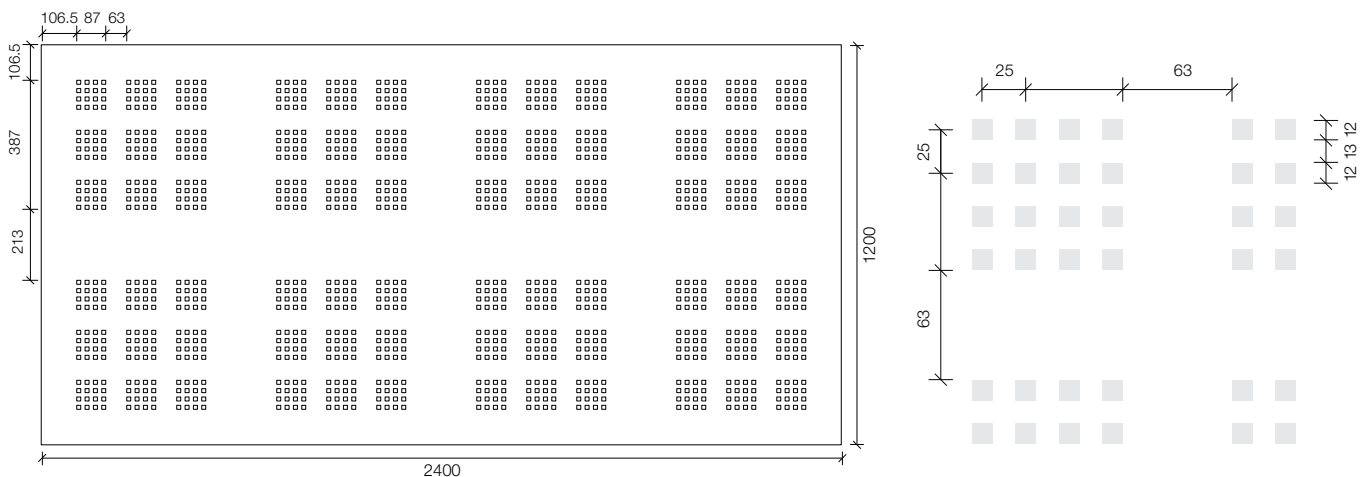


Eight large square groupings per sheet, each with nine mini grids of 16 x 12mm square perforations at 25mm centres. This subtle pattern provides an open area of 6% and features a white acoustic fabric backing.

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

12mm Square Minigrid 6% open area				Sound Absorption Coefficient $\alpha_p$					
Plenum (Air Cavity)	Plenum Insulation	$\alpha_w$	NRC	Octave Band Centre Frequencies (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 <sup>3</sup> )	0.35(L)	0.40	0.35	0.45	0.50	0.40	0.30	0.25
200mm	Empty	<b>0.35(L)</b>	<b>0.40</b>	<b>0.50</b>	<b>0.50</b>	<b>0.45</b>	<b>0.35</b>	<b>0.30</b>	<b>0.25</b>
	50mm glasswool (14kg/m <sup>3</sup> )	<b>0.40(L)</b>	<b>0.40</b>	<b>0.55</b>	<b>0.50</b>	<b>0.45</b>	<b>0.40</b>	<b>0.30</b>	<b>0.30</b>
600mm	Empty	0.40(L)	0.40	0.55	0.50	0.35	0.40	0.35	0.35
	50mm glasswool (14kg/m <sup>3</sup> )	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 Auckland University acoustic laboratory. Non-bold values are acoustic predictions by PKA Acoustic Consulting. (L) denotes excess performance at 250Hz



**AUCKLAND + HEAD OFFICE**

9 McNab Street, Penrose  
PO Box 13 451, Onehunga 1643  
Phone 09 579 1338  
Fax 09 579 2383

**WELLINGTON**

20 Hutt Road, Petone  
PO Box 33 338, Petone, Lower Hutt 5046  
Phone 04 568 8855  
Fax 04 568 8840

**CHRISTCHURCH**

37 Kingsley Street, Sydenham, Christchurch  
PO Box 12244, Beckenham, Christchurch 8242  
Phone 03 338 8763  
Fax 03 338 0680

[www.potters.co.nz](http://www.potters.co.nz)  
0800 POTTERS  
[specsupport@potters.co.nz](mailto:specsupport@potters.co.nz)

*Building business together since 1966.*

---

Wall | Ceiling | Insulation | Whiteboards | Wall Coverings

---

