



Acoustic Linings | Wall & Ceiling Systems

VoglFuge

Continuously perforated plasterboard acoustic ceiling



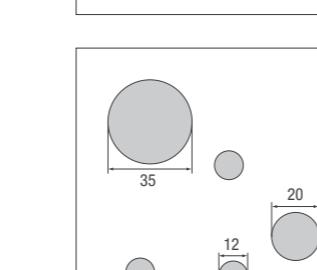
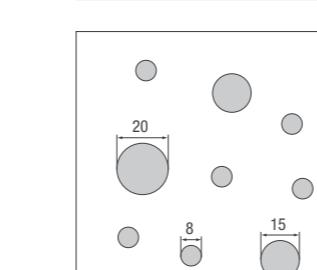
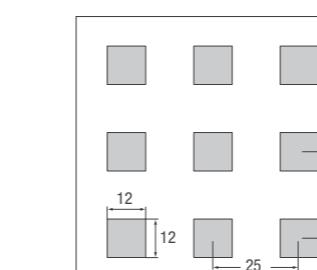
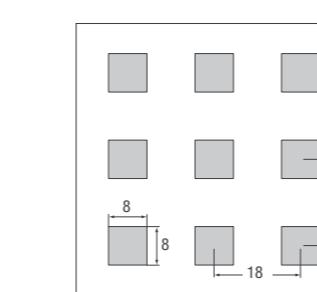
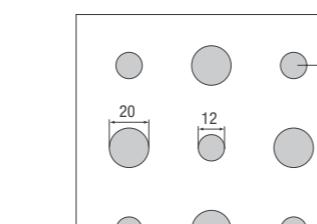
Perforation Patterns & Acoustic Data



Perforation Patterns & Acoustic Data



Pattern	Ceiling Cavity (mm)	Hz	Frequency						aw	NRC	Open Area %	BCA Group Rating
			α	125	250	500	1000	2000				
6/18R	No insulation	65	0.15	0.25	0.45	0.6	0.5	0.4	0.5		8.7%	Group 1 Rating
		100	0.2	0.45	0.6	0.6	0.5	0.45	0.55	0.55		
		200	0.32	0.43	0.56	0.51	0.49	0.5	0.55	0.5		
		400	0.4	0.55	0.55	0.55	0.55	0.5	0.55	0.55		
	30mm Glass Wool	65	0.3	0.45	0.5	0.55	0.5	0.5	0.55			
		100	0.35	0.55	0.6	0.6	0.5	0.5	0.6	0.55		
		200	0.36	0.47	0.55	0.55	0.54	0.54	0.55	0.55		
		400	0.4	0.55	0.55	0.6	0.6	0.55	0.6	0.55		
8/18R	No insulation	65	0.1	0.25	0.6	0.8	0.7	0.55	0.55		15.5%	Group 1 Rating
		100	0.2	0.5	0.75	0.8	0.6	0.6	0.7	0.65		
		200	0.31	0.61	0.74	0.67	0.63	0.66	0.7	0.65		
		400	0.5	0.7	0.65	0.8	0.65	0.65	0.7	0.65		
	30mm Glass Wool	65	0.25	0.5	0.7	0.8	0.75	0.65	0.75			
		100	0.3	0.7	0.8	0.8	0.7	0.65	0.75	0.75		
		200	0.38	0.66	0.74	0.73	0.74	0.75	0.75	0.7		
		400	0.5	0.65	0.7	0.8	0.75	0.75	0.75	0.7		
10/23R	No insulation	65	0.1	0.25	0.6	0.7	0.7	0.55	0.55		14.8%	Group 1 Rating
		100	0.2	0.5	0.75	0.8	0.6	0.55	0.65	0.65		
		200	0.31	0.6	0.72	0.63	0.61	0.61	0.7	0.65		
		400	0.3	0.65	0.8	0.75	0.7	0.65	0.75	0.75		
	30mm Glass Wool	65	0.25	0.45	0.65	0.7	0.65	0.65	0.65			
		100	0.5	0.7	0.65	0.7	0.65	0.6	0.7	0.65		
		200	0.37	0.63	0.71	0.71	0.72	0.72	0.7	0.7		
		400	0.5	0.65	0.7	0.8	0.75	0.7	0.75	0.7		
12/25R	No insulation	65	0.1	0.25	0.6	0.8	0.75	0.5	0.55		18.1%	Group 1 Rating
		100	0.25	0.5	0.75	0.85	0.65	0.55	0.7	0.7		
		200	0.31	0.63	0.77	0.67	0.66	0.52	0.7	0.7		
		400	0.5	0.75	0.65	0.7	0.7	0.6	0.7	0.7		
	30mm Glass Wool	65	0.2	0.45	0.7	0.75	0.8	0.6	0.7			
		100	0.3	0.8	0.85	0.85	0.75	0.65	0.8	0.8		
		200	0.37	0.69	0.76	0.75	0.79	0.69	0.8	0.75		
		400	0.5	0.7	0.7	0.85	0.8	0.75	0.8	0.75		
15/30R	No insulation	65	0.1	0.25	0.6	0.85	0.65	0.6	0.55		19.6%	Group 1 Rating
		100	0.3	0.65	0.79	0.69	0.63	0.63	0.75	0.7		
		200										
		400										
	30mm Glass Wool	65	0.2	0.5	0.75	0.8	0.7	0.7	0.75			
		100	0.37	0.7	0.8	0.77	0.82	0.76	0.8	0.75		
		200										
		400										
8/12/50R	No insulation	65	0.1	0.25	0.6	0.7	0.65	0.45	0.55		13.1%	Group 1 Rating
		100	0.2	0.5	0.7	0.75	0.55	0.5	0.6	0.65		
		200	0.32	0.57	0.67	0.6	0.56	0.51	0.65	0.6		
		400	0.45	0.6	0.6	0.6	0.5	0.45	0.55	0.55		
	30mm Glass Wool	65	0.25	0.45	0.7	0.7	0.55	0.5	0.7			
		100	0.3	0.65	0.75	0.75	0.65	0.55	0.7	0.7		
		200	0.38	0.58	0.68	0.68	0.68	0.62	0.7	0.65		
		400	0.4	0.55	0.6	0.65	0.55	0.5	0.6	0.55		



Pattern	Ceiling Cavity (mm)	Hz	Frequency						aw	NRC	Open Area %	BCA Group Rating
			α	125	250	500	1000	2000				
12/20/66R	No insulation	65	0.05	0.25	0.55	0.85	0.65	0.55	0.55		19.6%	Group 1 Rating
		100	0.2	0.5	0.75	0.85	0.55	0.6	0.65	0.65		
		200	0.3	0.63	0.81	0.7	0.59	0.6	0.7	0.7		
		400	0.5	0.75	0.7	0.75	0.6	0.6	0.7	0.65		
	30mm Glass Wool	65										

VoglFuge Overview

atkar.com.au/vogl



St John of God Hospital, Berwick

Technical data

Key Features

Crack resistant.

The quickest possible joint finishing with the German engineered, unique patented VoglFuge system ensures maximum crack resistance.

Group 1 Fire Rating and environmentally sustainable choice.

Certified with GECA Panel Boards standard, VoglFuge is a sustainable product and can achieve a BCA Group 1.

Simple and fast to install.

VoglFuge is installed without filler and allows quick mounting of panels edge-to-edge.

Excellent acoustic control.

Realise your ceiling design with a solution that particularly benefits high traffic areas by absorbing ambient sound.



Finishes

Raw: coated on site

Inluxe Colour
(Please ask for details)

Installation options

Proprietary VoglFuge fixing system

Substrates

Plasterboard

Perforation patterns

Our manufacturing technique allows VoglFuge to be produced with a variety of open area and margin options. Custom patterns available.

6/18R	8/18R	10/23R	12/25R	15/30R	8/12/50R
○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○
○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○
○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○
○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○

12/20/66R	8/18Q	12/25Q	8/15/20R	12/20/35R
○ ○ ○ ○ ○	□ □ □ □ □	□ □ □ □ □	○ ○ ○ ○ ○	○ ○ ○ ○ ○
○ ○ ○ ○ ○	□ □ □ □ □	□ □ □ □ □	○ ○ ○ ○ ○	○ ○ ○ ○ ○
○ ○ ○ ○ ○	□ □ □ □ □	□ □ □ □ □	○ ○ ○ ○ ○	○ ○ ○ ○ ○

Material Sizes

Panel sizes — up to 1200 x 2000mm

Not all sizes available for all perforation patterns, please enquire

Open Area Guide

Product	6/18R	8/18R	8/18Q	8/12/50R	8/15/20R	10/23R	12/20/35R	12/20/66R	12/25R	12/25Q	15/30R
mm											
1188 x 1980											19.6
1188 x 1998	8.7	15.5	19.8								
1196 x 2001											14.8
1200 x 1980											
1200 x 2000						13.1	9.5	11	18.1	23	19.6

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