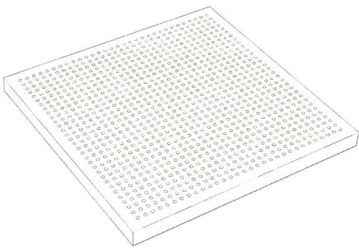


VOGL ACOUSTIC DATA SHEETS

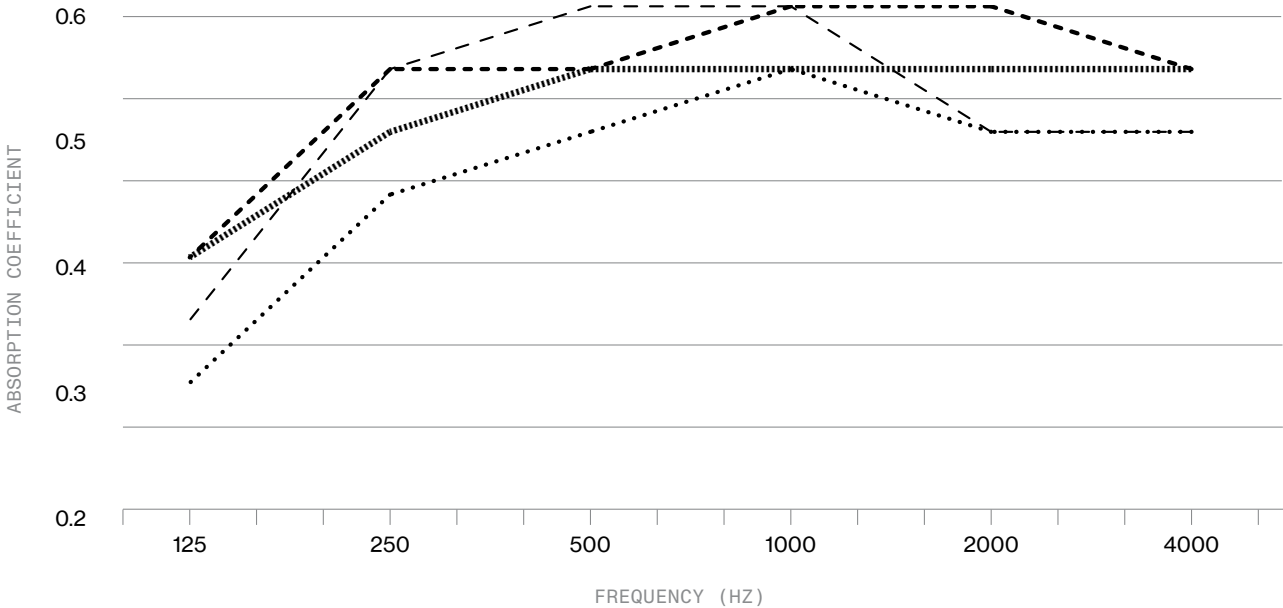
VOGL—8.7%

VOGL PERFORATED PLASTERBOARD 12.5MM PANEL, 8.7% OPEN AREA WITH 65, 100, 200, 400MM AIRGAP | PROFILE 6/18R

Perforated acoustic panels



OPEN AREA 8.7%	NRC 0.45–0.55
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



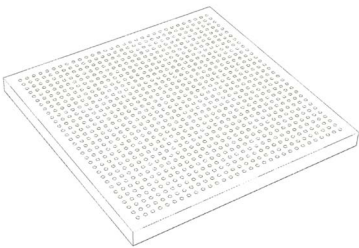
ITEM / DESCRIPTION	125	250	500	1K	2K	4K
Vogl ¹	0.30	0.45	0.50	0.55	0.50	0.50
Vogl ²	0.35	0.55	0.60	0.60	0.50	0.50
Vogl ³	0.40	0.50	0.55	0.55	0.55	0.55
Vogl ⁴	0.40	0.55	0.55	0.60	0.60	0.55

Vogl¹ – 6/18R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 8.7% with DecorSorb– 65mm air gap – NRC 0.50 — α_w 0.50 — SAC D
Vogl² – 6/18R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 8.7% with DecorSorb– 100mm air gap – NRC 0.55 — α_w 0.60 — SAC C
Vogl³ – 6/18R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 8.7% with DecorSorb– 200mm air gap – NRC 0.55 — α_w 0.55 — SAC D
Vogl⁴ – 6/18R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 8.7% with DecorSorb– 400mm air gap – NRC 0.55 — α_w 0.60 — SAC C

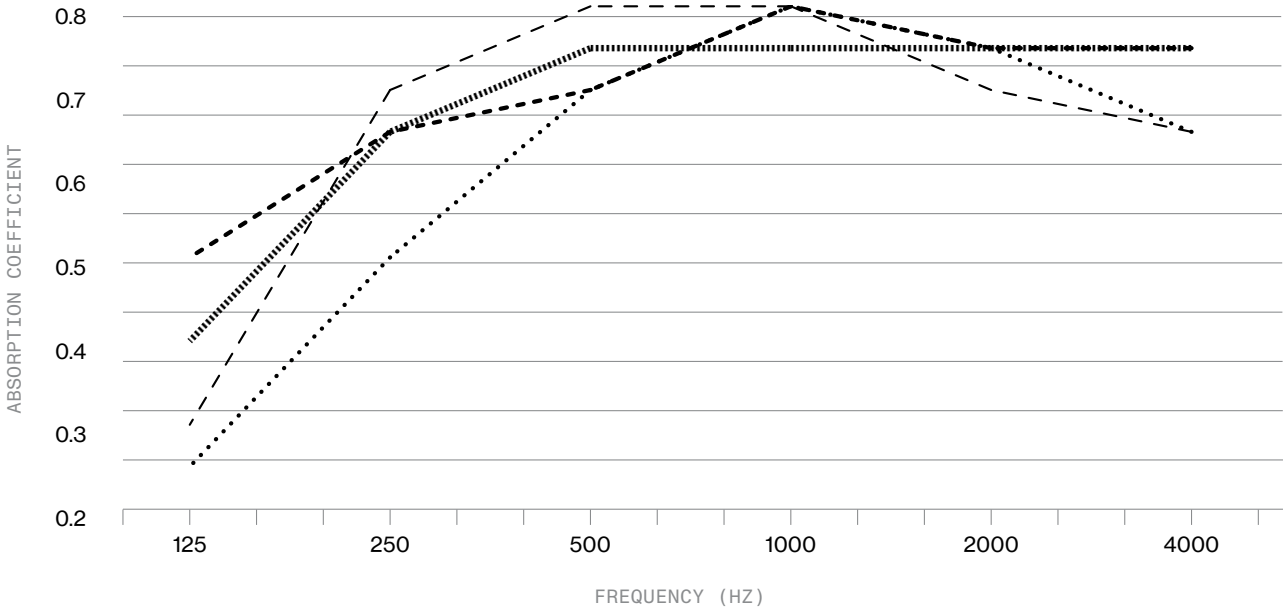
VOGL—15.5%

VOGL PERFORATED PLASTERBOARD 12.5MM PANEL, 15.5% OPEN AREA WITH 65, 100, 200, 400MM AIRGAP | PROFILE 8/18R

Perforated acoustic panels



OPEN AREA 15.5%	NRC 0.70-0.75
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



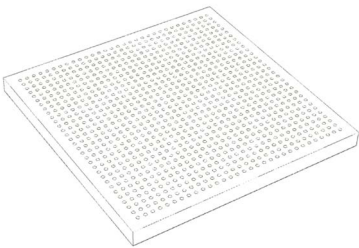
ITEM / DESCRIPTION	125	250	500	1K	2K	4K
Vogl ¹	0.25	0.50	0.70	0.80	0.75	0.65
Vogl ²	0.30	0.70	0.80	0.80	0.70	0.65
Vogl ³	0.40	0.65	0.75	0.75	0.75	0.75
Vogl ⁴	0.50	0.65	0.70	0.80	0.75	0.75

Vogl¹ – 8/18R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 15.5% with DecorSorb– 65mm air gap – NRC 0.70 — αw 0.75 — SAC C
Vogl² – 8/18R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 15.5% with DecorSorb– 100mm air gap – NRC 0.75 — αw 0.75 — SAC C
Vogl³ – 8/18R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 15.5% with DecorSorb– 200mm air gap – NRC 0.70 — αw 0.75 — SAC C
Vogl⁴ – 8/18R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 15.5% with DecorSorb– 400mm air gap – NRC 0.70 — αw 0.75 — SAC C

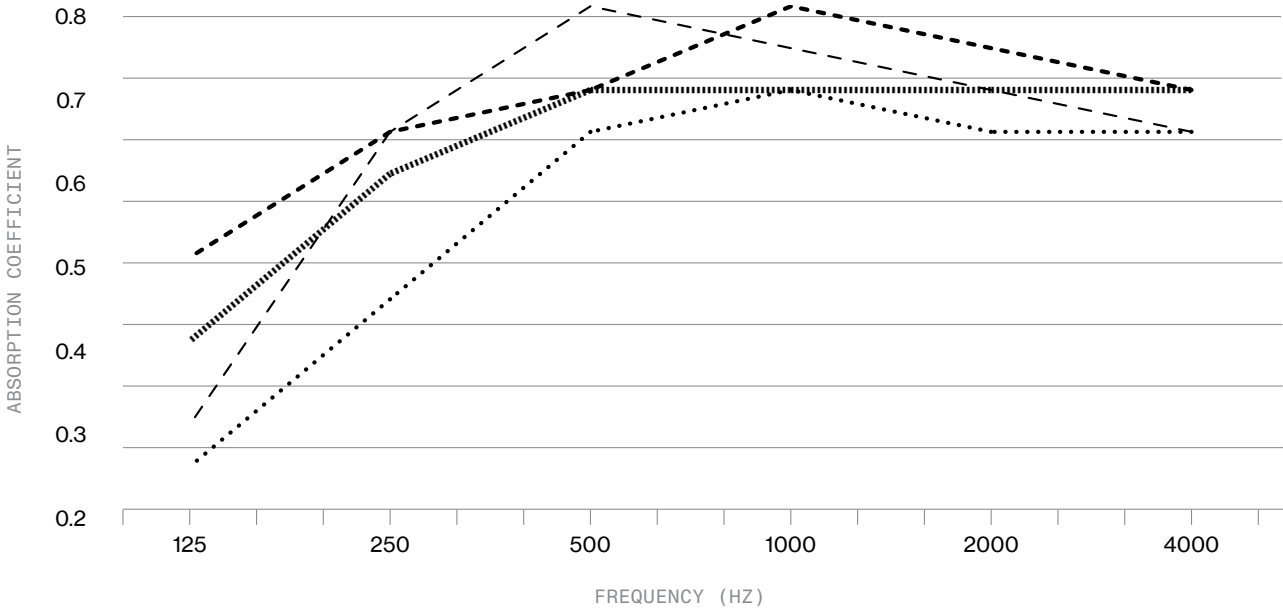
VOGL—14.8%

VOGL PERFORATED PLASTERBOARD 12.5MM PANEL, 14.8% OPEN AREA WITH 65, 100, 200, 400MM AIRGAP | PROFILE 10/23R

Perforated acoustic panels



OPEN AREA 14.8%	NRC 0.60-0.75
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



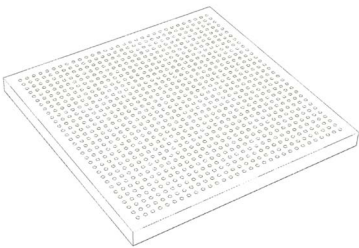
ITEM / DESCRIPTION	125	250	500	1K	2K	4K
Vogl¹	0.25	0.45	0.65	0.70	0.65	0.65
Vogl²	0.30	0.65	0.80	0.75	0.70	0.65
Vogl³	0.40	0.60	0.70	0.70	0.70	0.70
Vogl⁴	0.50	0.65	0.70	0.80	0.75	0.70

Vogl¹ – 10/23R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 14.8% with DecorSorb– 65mm air gap – NRC 0.60 — αw 0.65 — SAC C
Vogl² – 10/23R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 14.8% with DecorSorb– 100mm air gap – NRC 0.75 — αw 0.75 — SAC C
Vogl³ – 10/23R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 14.8% with DecorSorb– 200mm air gap – NRC 0.70 — αw 0.70 — SAC C
Vogl⁴ – 10/23R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 14.8% with DecorSorb– 400mm air gap – NRC 0.70 — αw 0.75 — SAC C

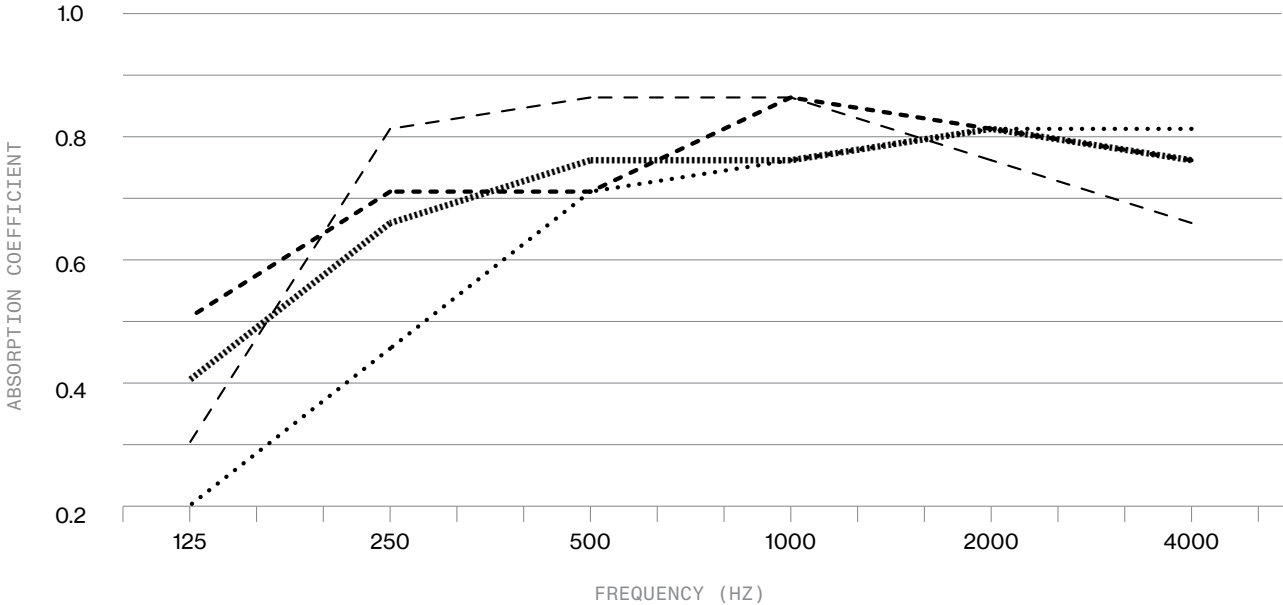
VOGL—18.1%

VOGL PERFORATED PLASTERBOARD 12.5MM PANEL, 18.1% OPEN AREA WITH 65, 100, 200, 400MM AIRGAP | PROFILE 12/25R

Perforated acoustic panels



OPEN AREA 18.1%	NRC 0.70–0.80
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



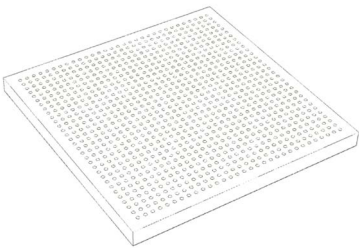
ITEM / DESCRIPTION	125	250	500	1K	2K	4K
Vogl ¹	0.20	0.45	0.70	0.75	0.80	0.60
Vogl ²	0.30	0.80	0.85	0.85	0.75	0.65
Vogl ³	0.40	0.65	0.75	0.75	0.80	0.75
Vogl ⁴	0.50	0.70	0.70	0.85	0.80	0.75

Vogl¹ – 12/25R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 18.1% with DecorSorb– 65mm air gap – NRC 0.70 — α_w 0.70 — SAC C
Vogl² – 12/25R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 18.1% with DecorSorb– 100mm air gap – NRC 0.80 — α_w 0.80 — SAC B
Vogl³ – 12/25R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 18.1% with DecorSorb– 200mm air gap – NRC 0.75 — α_w 0.80 — SAC B
Vogl⁴ – 12/25R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 18.1% with DecorSorb– 400mm air gap – NRC 0.75 — α_w 0.80 — SAC B

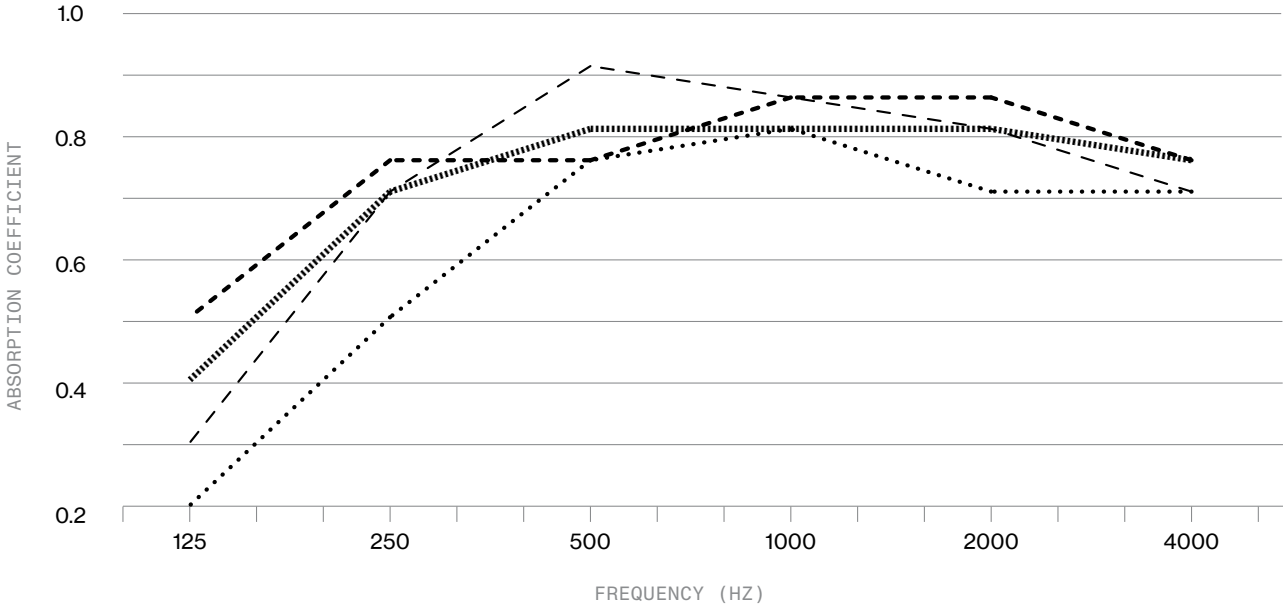
VOGL—19.6%

VOGL PERFORATED PLASTERBOARD 12.5MM PANEL, 19.6% OPEN AREA WITH 65, 100, 200, 400MM AIRGAP | PROFILE 15/30R

Perforated acoustic panels



OPEN AREA 19.6%	NRC 0.70-0.80
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



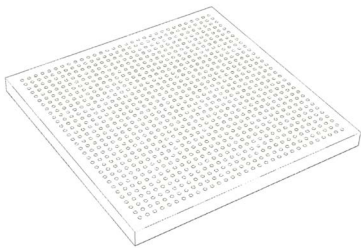
ITEM / DESCRIPTION	125	250	500	1K	2K	4K
Vogl ¹	0.20	0.50	0.75	0.80	0.70	0.70
Vogl ²	0.30	0.70	0.90	0.85	0.80	0.70
Vogl ³	0.40	0.70	0.80	0.80	0.80	0.75
Vogl ⁴	0.50	0.75	0.75	0.85	0.85	0.75

Vogl¹ – 15/30R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 19.6% with DecorSorb– 65mm air gap – NRC 0.70 — α_w 0.75 — SAC C
Vogl² – 15/30R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 19.6% with DecorSorb– 100mm air gap – NRC 0.80 — α_w 0.85 — SAC B
Vogl³ – 15/30R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 19.6% with DecorSorb– 200mm air gap – NRC 0.75 — α_w 0.80 — SAC B
Vogl⁴ – 15/30R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 19.6% with DecorSorb– 400mm air gap – NRC 0.75 — α_w 0.85 — SAC B

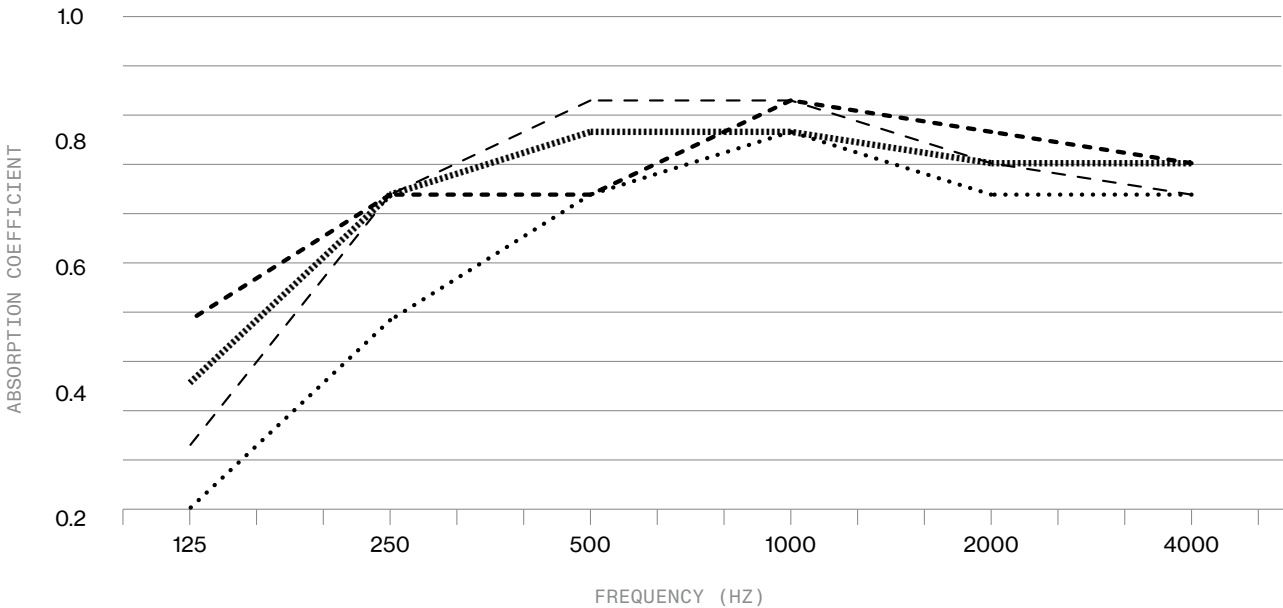
VOGL—19.6%

VOGL PERFORATED PLASTERBOARD 12.5MM PANEL, 19.6% OPEN AREA WITH 65, 100, 200, 400MM AIRGAP | PROFILE 12/20/66R

Perforated acoustic panels



OPEN AREA 19.6%	NRC 0.70–0.80
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



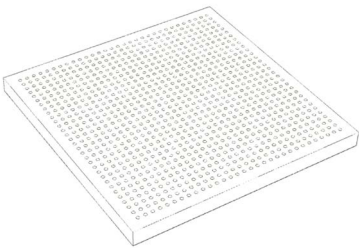
ITEM / DESCRIPTION	125	250	500	1K	2K	4K
Vogl ¹	0.20	0.50	0.70	0.80	0.70	0.70
Vogl ²	0.30	0.70	0.85	0.85	0.75	0.70
Vogl ³	0.40	0.70	0.80	0.80	0.75	0.75
Vogl ⁴	0.50	0.70	0.70	0.85	0.80	0.75

Vogl¹ – 12/20/66R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 19.6% with DecorSorb– 65mm air gap – NRC 0.70 — αw 0.70 — SAC C
Vogl² – 12/20/66R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 19.6% with DecorSorb– 100mm air gap – NRC 0.80 — αw 0.80 — SAC B
Vogl³ – 12/20/66R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 19.6% with DecorSorb– 200mm air gap – NRC 0.75 — αw 0.80 — SAC B
Vogl⁴ – 12/20/66R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 19.6% with DecorSorb– 400mm air gap – NRC 0.75 — αw 0.80 — SAC B

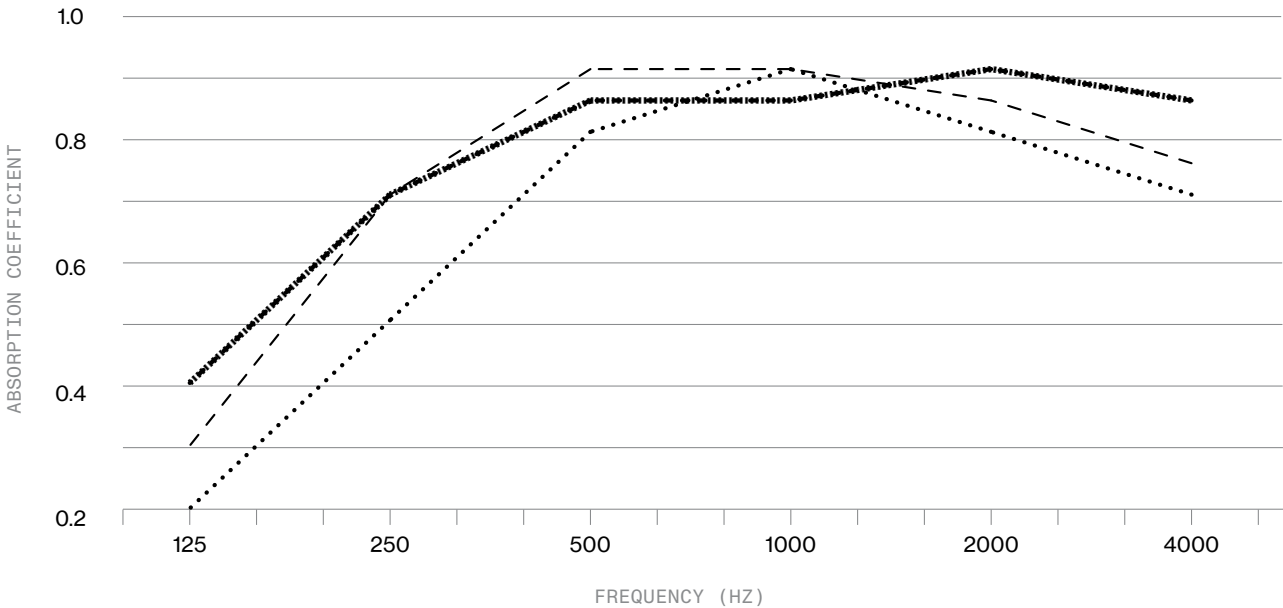
VOGL—23%

VOGL PERFORATED PLASTERBOARD 12.5MM PANEL, 23% OPEN AREA WITH 65, 100, 200, 400MM AIRGAP | PROFILE 12/25Q

Perforated acoustic panels



OPEN AREA 23%	NRC 0.75–0.85
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



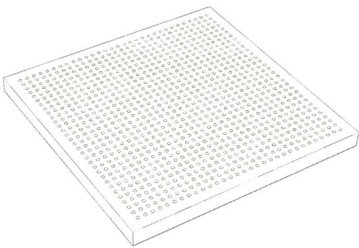
ITEM / DESCRIPTION	125	250	500	1K	2K	4K
Vogl¹	0.20	0.50	0.80	0.90	0.80	0.70
Vogl²	0.30	0.70	0.90	0.90	0.85	0.75
Vogl³	0.40	0.70	0.85	0.85	0.90	0.85
Vogl⁴	0.40	0.70	0.85	0.85	0.90	0.85

Vogl¹ – 12/25Q perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 23% with DecorSorb– 65mm air gap – NRC 0.75 — αω 0.80 — SAC B
Vogl² – 12/25Q perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 23% with DecorSorb– 100mm air gap – NRC 0.85 — αω 0.90 — SAC A
Vogl³ – 12/25Q perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 23% with DecorSorb– 200mm air gap – NRC 0.85 — αω 0.90 — SAC A
Vogl⁴ – 12/25Q perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 23% with DecorSorb– 400mm air gap – NRC 0.80 — αω 0.85 — SAC B

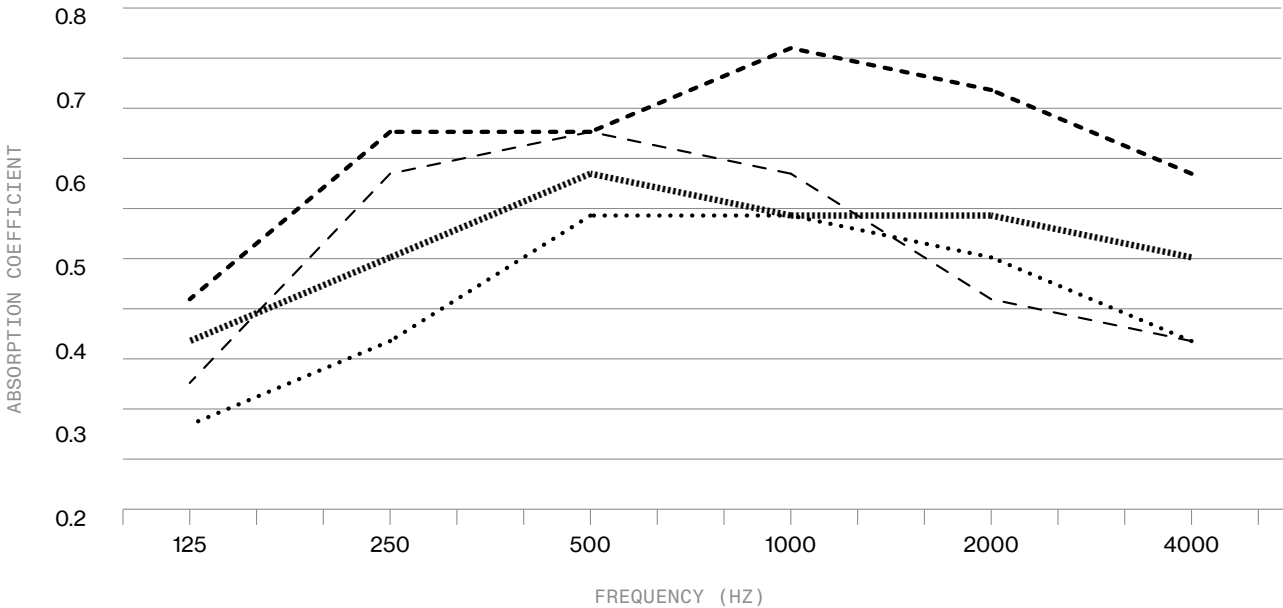
VOGL—9.5%

VOGL PERFORATED PLASTERBOARD 12.5MM PANEL, 9.5% OPEN AREA WITH 65, 100, 200, 400MM AIRGAP | PROFILE 8/15/20R

Perforated acoustic panels



OPEN AREA 9.5%	NRC 0.50-0.65
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



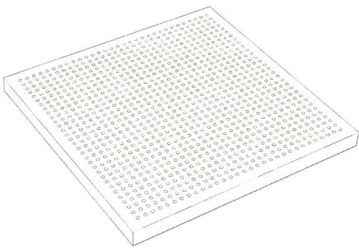
ITEM / DESCRIPTION	125	250	500	1K	2K	4K
Vogl ¹	0.30	0.40	0.55	0.55	0.50	0.40
Vogl ²	0.35	0.60	0.65	0.60	0.45	0.40
Vogl ³	0.40	0.50	0.60	0.55	0.55	0.50
Vogl ⁴	0.45	0.65	0.65	0.75	0.70	0.60

Vogl¹ – 8/15/20R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 9.5% with DecorSorb– 65mm air gap – NRC 0.50 — α_w 0.55 — SAC D
Vogl² – 8/15/20R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 9.5% with DecorSorb– 100mm air gap – NRC 0.60 — α_w 0.50 — SAC D
Vogl³ – 8/15/20R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 9.5% with DecorSorb– 200mm air gap – NRC 0.55 — α_w 0.60 — SAC C
Vogl⁴ – 8/15/20R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 9.5% with DecorSorb– 400mm air gap – NRC 0.65 — α_w 0.70 — SAC C

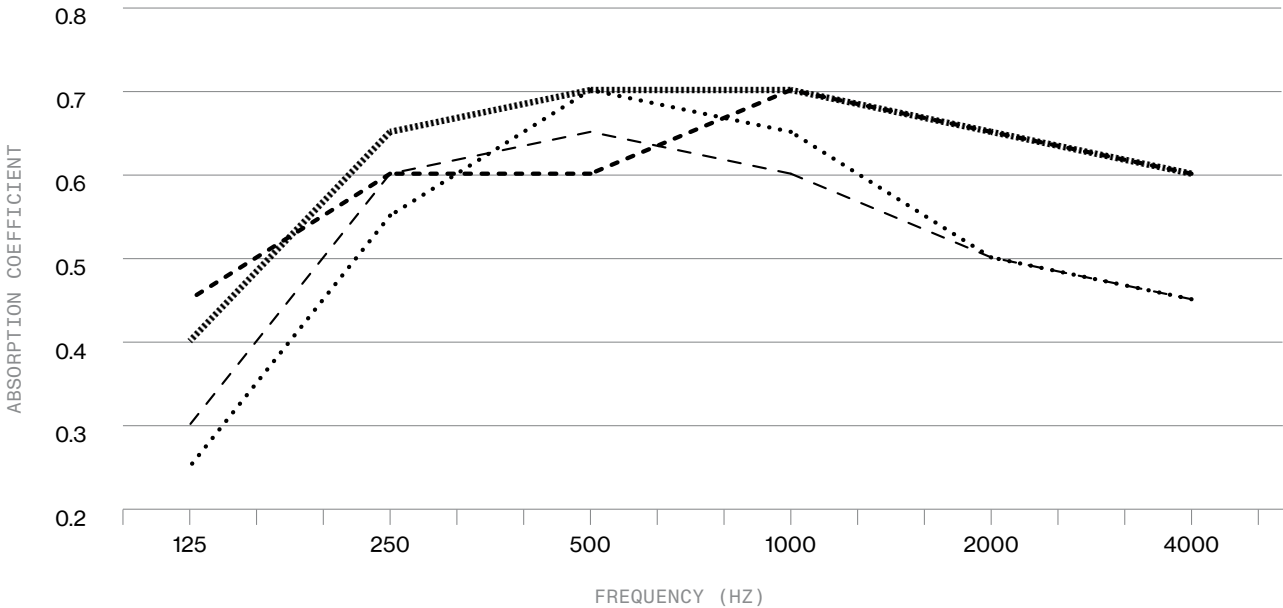
VOGL—12.6%

VOGL PERFORATED PLASTERBOARD 12.5MM PANEL, 12.6% OPEN AREA WITH 65, 100, 200, 400MM AIRGAP | PROFILE 10/16/22R

Perforated acoustic panels



OPEN AREA 12.6%	NRC 0.60-0.65
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



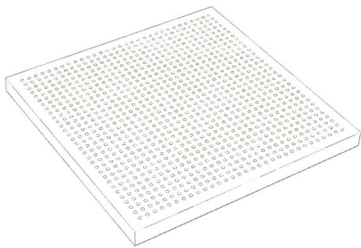
ITEM / DESCRIPTION	125	250	500	1K	2K	4K
Vogl ¹	0.25	0.55	0.70	0.65	0.50	0.45
Vogl ²	0.30	0.60	0.65	0.60	0.50	0.45
Vogl ³	0.40	0.65	0.70	0.70	0.65	0.60
Vogl ⁴	0.45	0.60	0.60	0.70	0.65	0.60

Vogl¹ – 10/16/22R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 12.6% with DecorSorb– 65mm air gap – NRC 0.60 — αw 0.55 — SAC D
Vogl² – 10/16/22R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 12.6% with DecorSorb– 100mm air gap – NRC 0.60 — αw 0.55 — SAC D
Vogl³ – 10/16/22R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 12.6% with DecorSorb– 200mm air gap – NRC 0.65 — αw 0.70 — SAC C
Vogl⁴ – 10/16/22R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 12.6% with DecorSorb– 400mm air gap – NRC 0.65 — αw 0.65 — SAC C

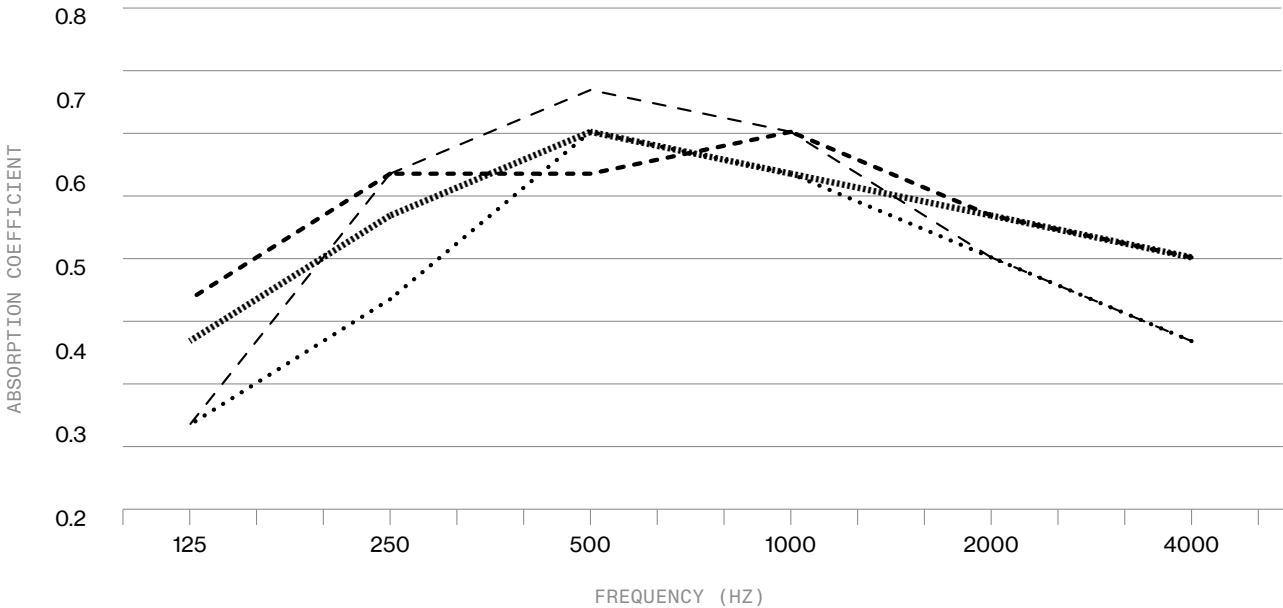
VOGL—11%

VOGL PERFORATED PLASTERBOARD 12.5MM PANEL, 11% OPEN AREA WITH 65, 100, 200, 400MM AIRGAP | PROFILE 12/20/35R

Perforated acoustic panels



OPEN AREA 11%	NRC 0.55-0.60
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



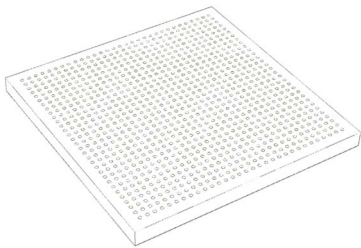
ITEM / DESCRIPTION	125	250	500	1K	2K	4K
Vogl ¹	0.30	0.45	0.65	0.60	0.50	0.40
Vogl ²	0.30	0.60	0.70	0.65	0.50	0.40
Vogl ³	0.40	0.55	0.65	0.60	0.55	0.50
Vogl ⁴	0.45	0.60	0.60	0.65	0.55	0.50

Vogl¹ – 12/20/35R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 11% with DecorSorb– 65mm air gap – NRC 0.55 — α_w 0.55 — SAC D
Vogl² – 12/20/35R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 11% with DecorSorb– 100mm air gap – NRC 0.60 — α_w 0.55 — SAC D
Vogl³ – 12/20/35R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 11% with DecorSorb– 200mm air gap – NRC 0.55 — α_w 0.60 — SAC C
Vogl⁴ – 12/20/35R perforated plasterboard (9.1kg/m²) 12.5mm thick, open area 11% with DecorSorb– 400mm air gap – NRC 0.60 — α_w 0.60 — SAC C

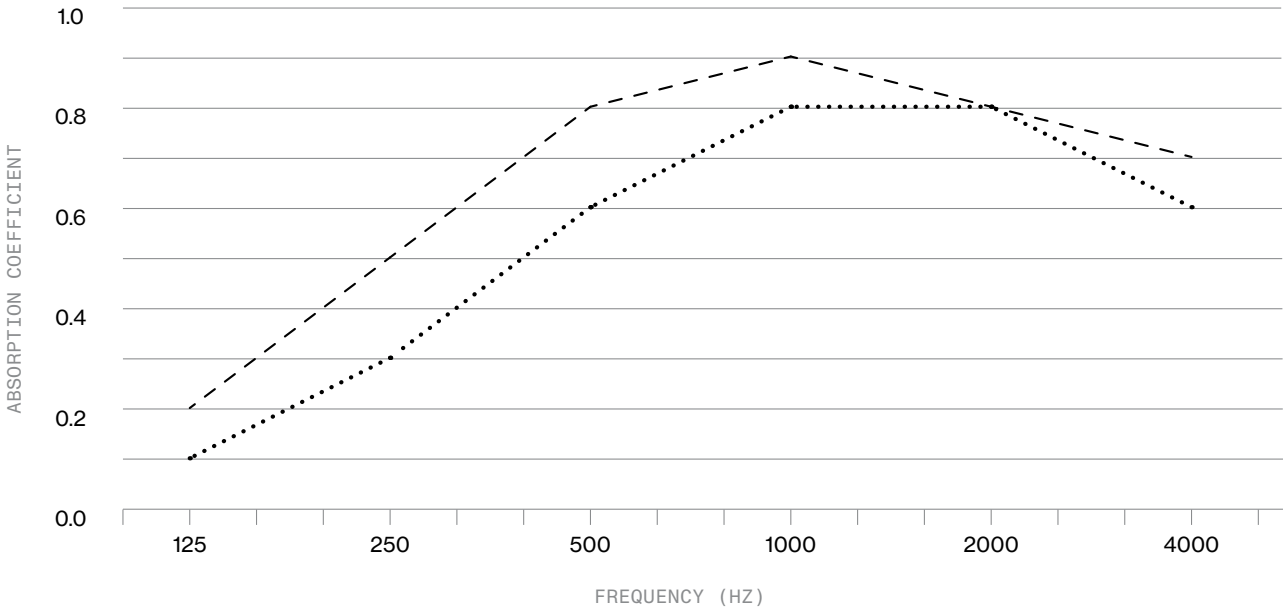
VOGL—23%

VOGL PERFORATED PLASTERBOARD 12.5MM PANEL, 23% OPEN AREA WITH 65MM CEILING VOID

Perforated acoustic panels



OPEN AREA 23%	NRC 0.55–0.75
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



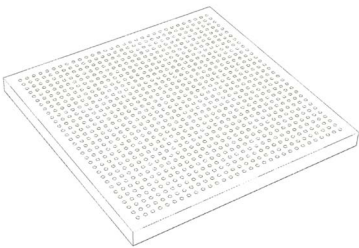
ITEM / DESCRIPTION	125	250	500	1K	2K	4K
..... Vogl ¹	0.1	0.3	0.6	0.8	0.8	0.6
----- Vogl ²	0.2	0.5	0.8	0.9	0.8	0.7

Vogl¹ – 12/25Q (quadrat) perforated plasterboard (7.7kg/m²) 12.5mm thick, open area 23% with AV 2010 fleece – 65mm ceiling void – NRC 0.55 — α_w 0.55 — SAC D
Vogl² – 12/25Q (quadrat) perforated plasterboard (7.7kg/m²) 12.5mm thick, open area 23% with AV 2010 fleece and then SSP 1 glass wool 30mm thick – 65mm ceiling void – NRC 0.75 — α_w 0.80 — SAC B

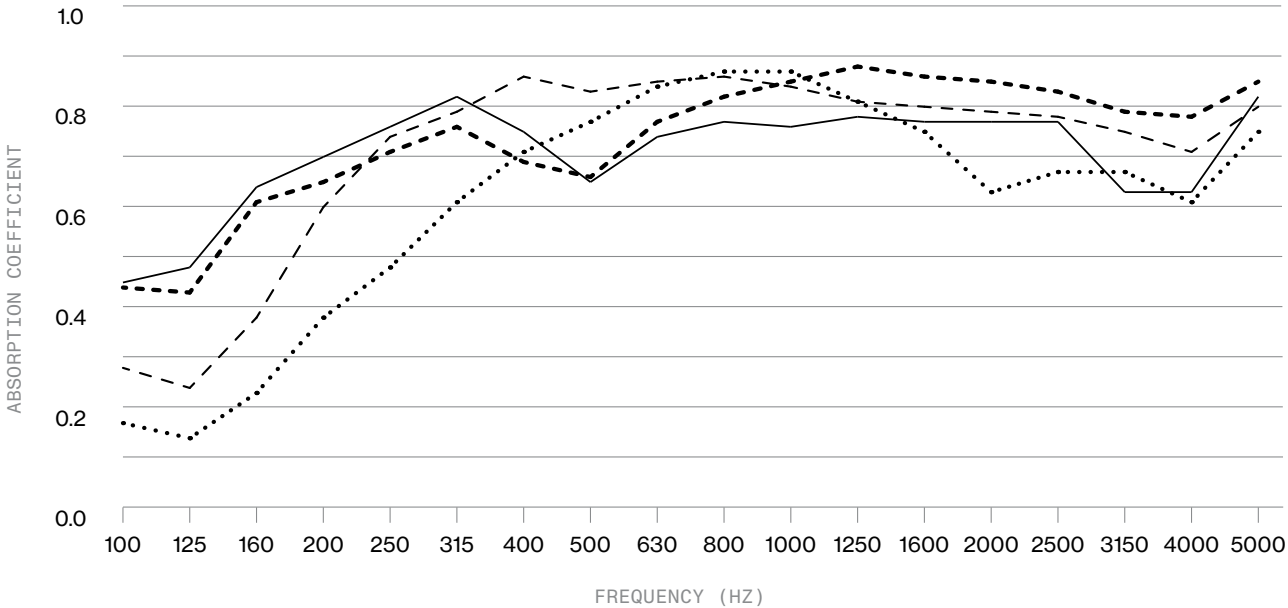
VOGL—22.9%

VOGL TOPTEC PERFORATED PLASTERBOARD 12.5MM PANEL, 22.9% OPEN AREA WITH 100MM OR 400MM CEILING VOID

Perforated acoustic panels



OPEN AREA 22.9%	NRC 0.70–0.80
PRODUCT OVERVIEW Fire Rating - Group 1, Non-combustible Green Certifications - GECA, LEED	
TESTING OVERVIEW NATA Certified AS 1045-1988, measurement of sound absorption in a reverberation room Product tested with framing method as per installation guidelines. View Installation Guidelines here. Substrate: Plasterboard	
STANDARD LENGTHS AND WIDTH Approx 1200x2000mm	



ITEM / DESCRIPTION	100	125	160	200	250	315	400	500	630	800	1K	1.25K	1.6K	2K	2.5K	3.15K	4K	5K
Vogl ¹	0.17	0.14	0.23	0.38	0.48	0.61	0.71	0.77	0.84	0.87	0.87	0.81	0.75	0.63	0.67	0.67	0.61	0.75
Vogl ²	0.28	0.24	0.38	0.6	0.74	0.79	0.86	0.83	0.85	0.86	0.84	0.81	0.8	0.79	0.78	0.75	0.71	0.8
Vogl ³	0.45	0.48	0.64	0.7	0.76	0.82	0.75	0.65	0.74	0.77	0.76	0.78	0.77	0.77	0.77	0.63	0.63	0.82
Vogl ⁴	0.44	0.43	0.61	0.65	0.71	0.76	0.69	0.66	0.77	0.82	0.85	0.88	0.86	0.85	0.83	0.79	0.78	0.85

Vogl¹ – 12/25Q (quadrat) perforated plasterboard (7.7kg/m²) 12.5mm thick, open area 22.9% with acoustic fleece AV 2010 – 100mm ceiling void — NRC 0.70 – αw 0.75 – SAC C
Vogl² – 12/25Q (quadrat) perforated plasterboard (7.7kg/m²) 12.5mm thick, open area 22.9% with acoustic fleece AV 2010 and then glass wool SSP 1.3mm thick – 100mm ceiling void — NRC 0.80 – αw 0.85 – SAC B
Vogl³ – 12/25Q (quadrat) perforated plasterboard (7.7kg/m²) 12.5mm thick, open area 22.9% with acoustic fleece AV 2010 – 400mm ceiling void — NRC 0.75 – αw 0.75 – SAC C
Vogl⁴ – 12/25Q (quadrat) perforated plasterboard (7.7kg/m²) 12.5mm thick, open area 22.9% with acoustic fleece AV 2010 and then glass wool SSP 1.3mm thick – 400mm ceiling void — NRC 0.80 – αw 0.80 – SAC B

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