



SOUND ABSORPTION CHARACTERISTICS ASTM C423

ARCHITECTURAL PRODUCTS

GRID CANOPY	1/2"	12mm
GRID CANOPY	3/8"	9mm
ACOUSTIC NET	3/8"	9mm
AALTO / VESI / LUNA / VELDI	1/2"	12mm
ROMBO / NELIO	2"	50mm
AALTO / VESI / LUNA / VELDI	3/8"	9mm
GEOCLOUD CLOSEDBACK	3/8"	9mm
GEOCLOUD OPENBACK	3/8"	9mm
EZO ON EZO	3/4"	18mm
EZOBORD DIRECT MOUNT WALL PANEL	3/8"	9mm
EZOBORD DIRECT MOUNT WALL PANEL	1/2"	12mm
EZOBORD D50 MOUNT WALL PANEL	3/8"	9mm
PERI WORKSTATION PANEL	1 1/2"	36mm
WORKZONE DIVIDER	3/8"	9mm
EZOPRINT	1/2"	12mm

Revised: 25/01/2019

PRODUCT	THICKNESS		NRC	SAA	ABSORPTION COEFFICIENTS					
	(in.)	(mm)			125	250	500	1000	2000	4000
Grid Canopy	1/2	12	0.85	0.84	0.17	0.51	0.70	0.92	1.22	1.36
Grid Canopy	3/8	9	0.55	0.57	0.05	0.31	0.47	0.63	0.87	1.06
Acoustic Net	3/8	9	0.80	0.81	0.16	0.45	0.70	0.87	1.20	1.42
Aalto/Vesi/Luna/Veldi	1/2	12	0.70	0.70	0.22	0.40	0.56	0.74	1.08	1.27
Rombo/Nelio	2	50	0.70	0.69	0.17	0.35	0.55	0.78	1.08	1.22
Aalto/Vesi/Luna/Veldi	3/8	9	0.60	0.59	0.21	0.33	0.49	0.63	0.91	1.10
Geocloud Closedback	3/8	9	0.90	0.91	0.25	0.48	0.77	1.10	1.28	1.29
Geocloud Openback	3/8	9	0.75	0.74	0.23	0.42	0.62	0.86	1.06	1.13
Ezo on Ezo	3/4	18	0.60	0.58	0.07	0.15	0.42	0.80	0.98	1.03
EzoBord Direct Mount Wall Panel	3/8	9	0.31	0.30	0.08	0.06	0.16	0.39	0.62	0.79
EzoBord Direct Mount Wall Panel	1/2	12	0.40	0.39	0.06	0.08	0.21	0.50	0.76	0.97
Peri Workstation Panel	1 1/2	36	0.55	0.55	0.33	0.38	0.48	0.60	0.73	0.81
Workzone Divider	3/8	9	0.60	0.61	0.37	0.43	0.50	0.65	0.85	0.98
EzoPrint	1/2	12	0.40	0.39	0.03	0.07	0.21	0.51	0.76	0.95
EzoBord D50 Mount Wall Panel	3/8	9	0.75	0.76	0.13	0.33	0.70	0.98	1.03	0.93

GRID CANOPY 1/2" (12mm)

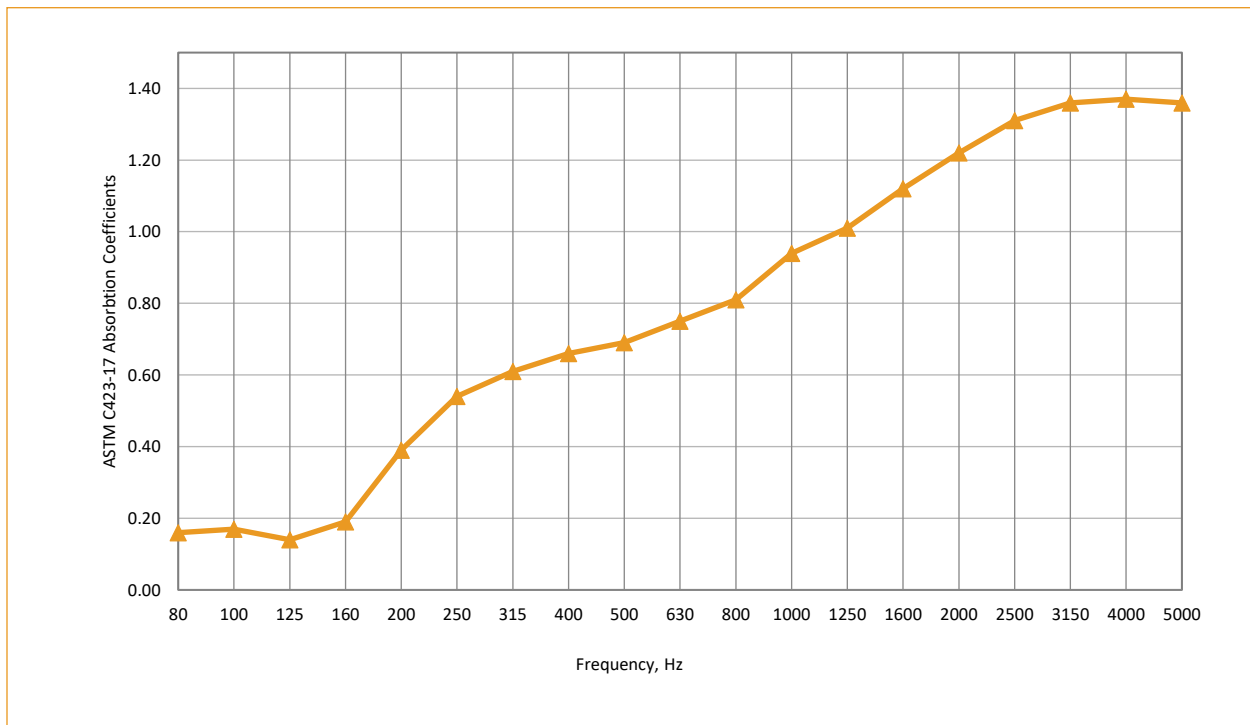
TAPERED | GRID DENSITY: 12 1/2" (317.5mm) | GRID HEIGHT: 10" (254mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-327
DATE: 2018-10-03
MOUNTING: Type J Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.85	0.84	0.17	0.51	0.70	0.92	1.22	1.36



GRID CANOPY 3/8" (9mm)

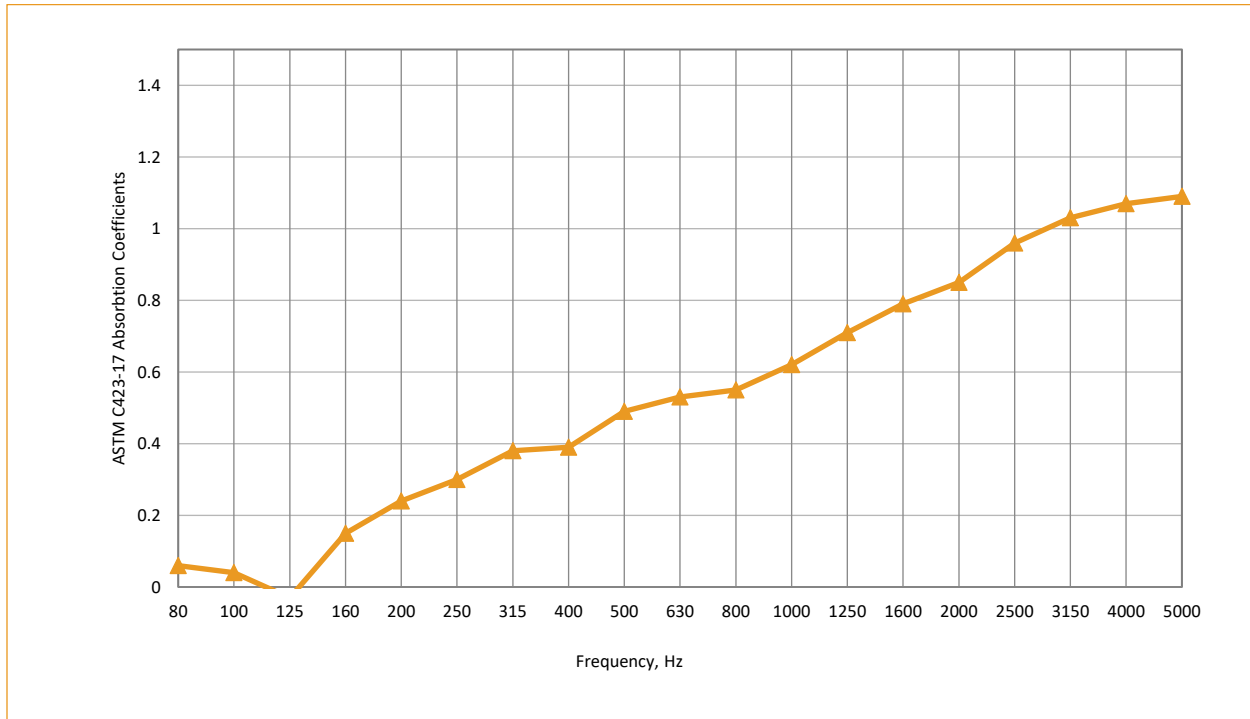
TAPERED | GRID DENSITY: 10 3/8" (263.52mm) | GRID HEIGHT: 6" (152.4mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-328
DATE: 2018-10-03
MOUNTING: Type J Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.55	0.57	0.05	0.31	0.47	0.63	0.87	1.06



ACOUSTIC NET 3/8" (9mm)

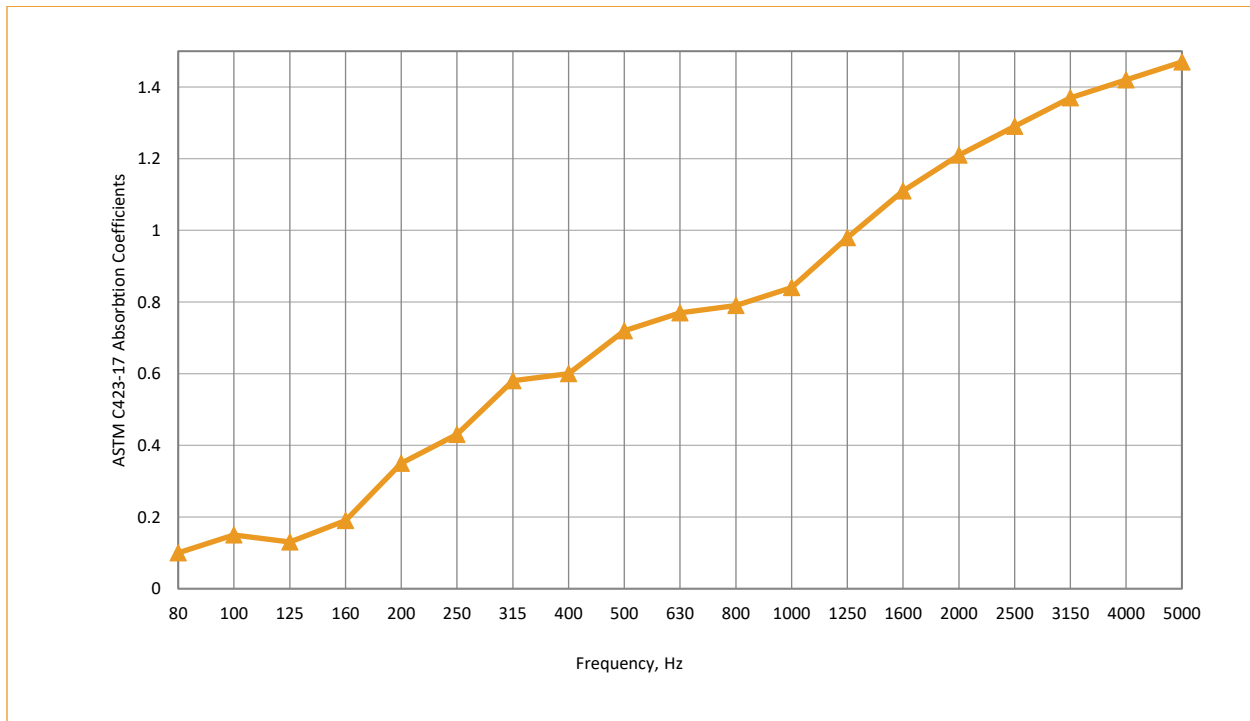
GRID DENSITY: 8 1/2" (215.9mm) | GRID HEIGHT MIN: 5.81" (147.57mm) MAX: 10" (254mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-329
DATE: 2018-10-03
MOUNTING: Type J Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.80	0.81	0.16	0.45	0.70	0.87	1.20	1.42



AALTO / VESI / LUNA / VELDI 1/2" (12mm)

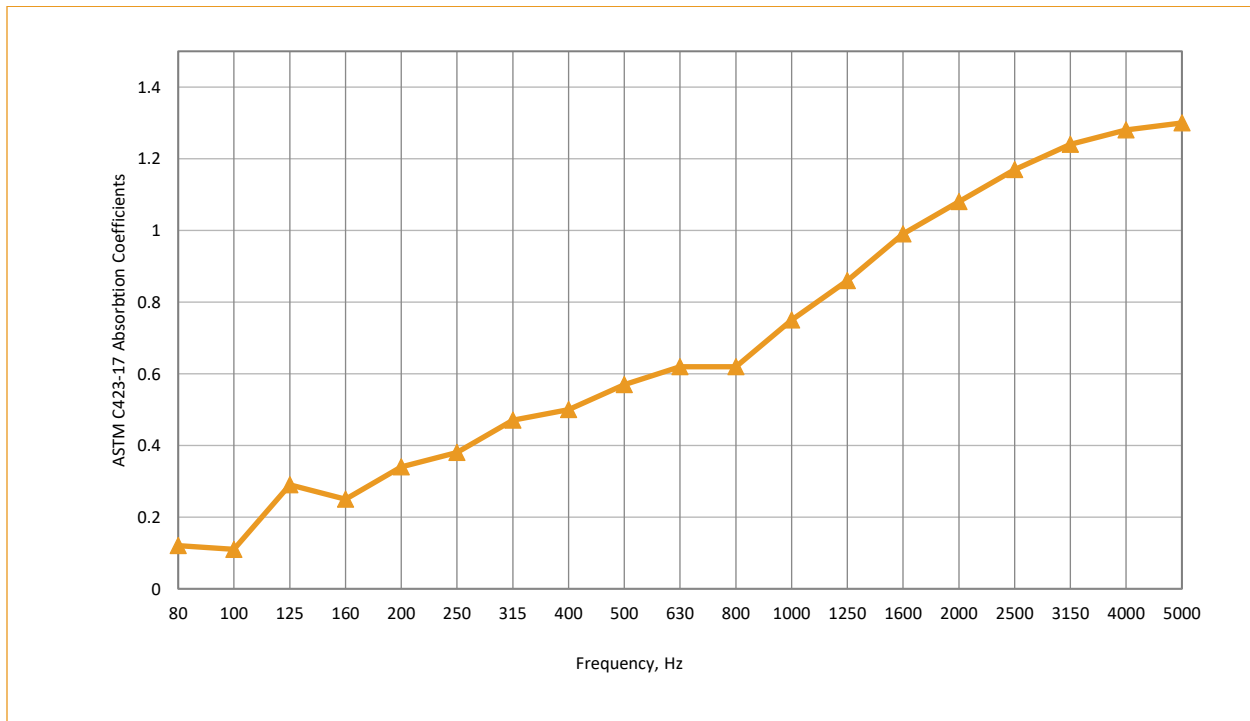
STYLE: VELDI | BAFFLE SPACING: 10 1/2" (266.7mm) | BAFFLE HEIGHT: 12" (304.8mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-330
DATE: 2018-10-03
MOUNTING: Type J Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.70	0.70	0.22	0.40	0.56	0.74	1.08	1.27



ROMBO / NELIO 2" (50mm)

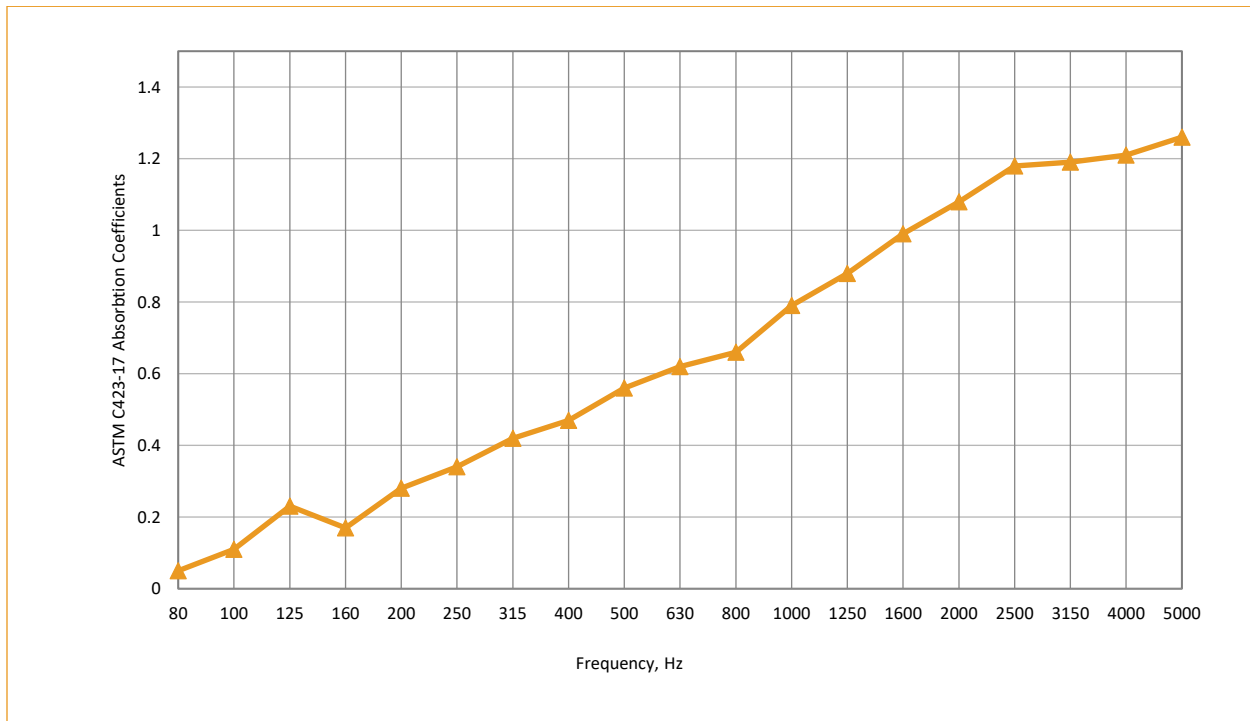
STYLE: NELIO | BAFFLE SPACING: 11 3/4" (298.45mm) | BAFFLE HEIGHT: 7 3/4" (196.85mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-331
DATE: 2018-10-03
MOUNTING: Type J Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.70	0.69	0.17	0.35	0.55	0.78	1.08	1.22



AALTO / VESI / LUNA / VELDI 3/8" (9mm)

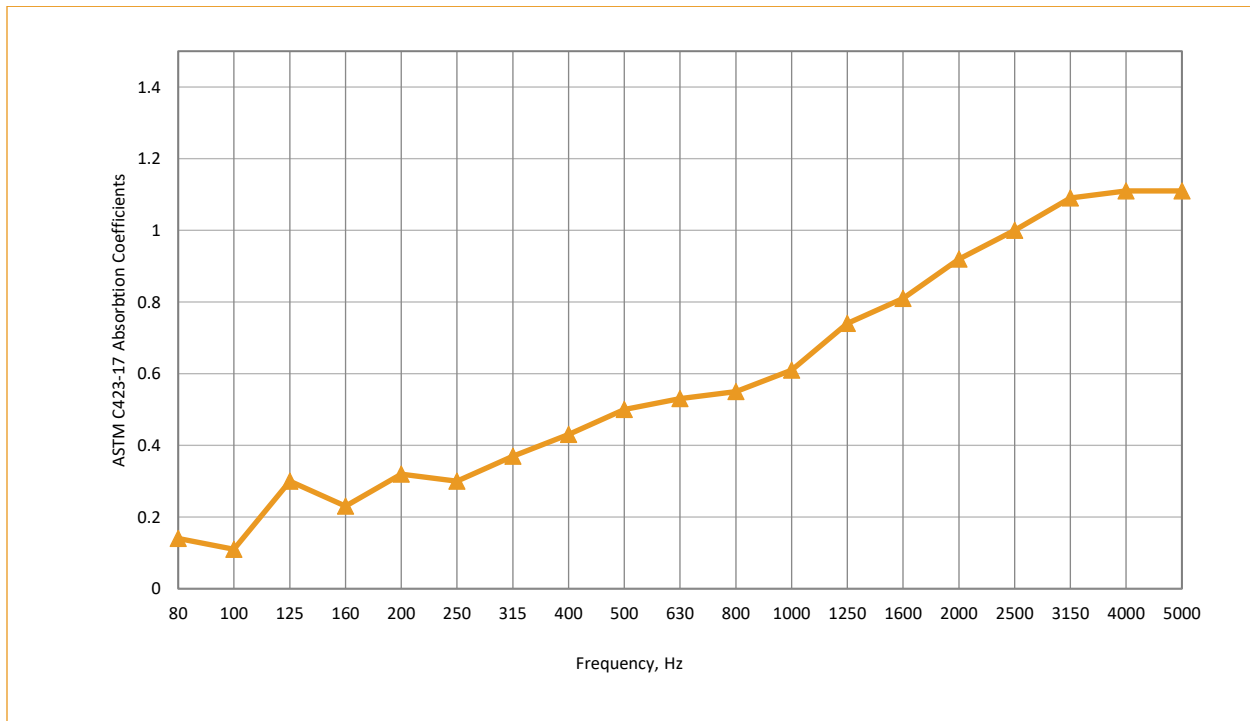
STYLE: VELDI | BAFFLE SPACING: 10 5/8" (269.88mm) | BAFFLE HEIGHT: 12 1/8" (307.97mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-332
DATE: 2018-10-04
MOUNTING: Type J Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.60	0.59	0.21	0.33	0.49	0.63	0.91	1.10



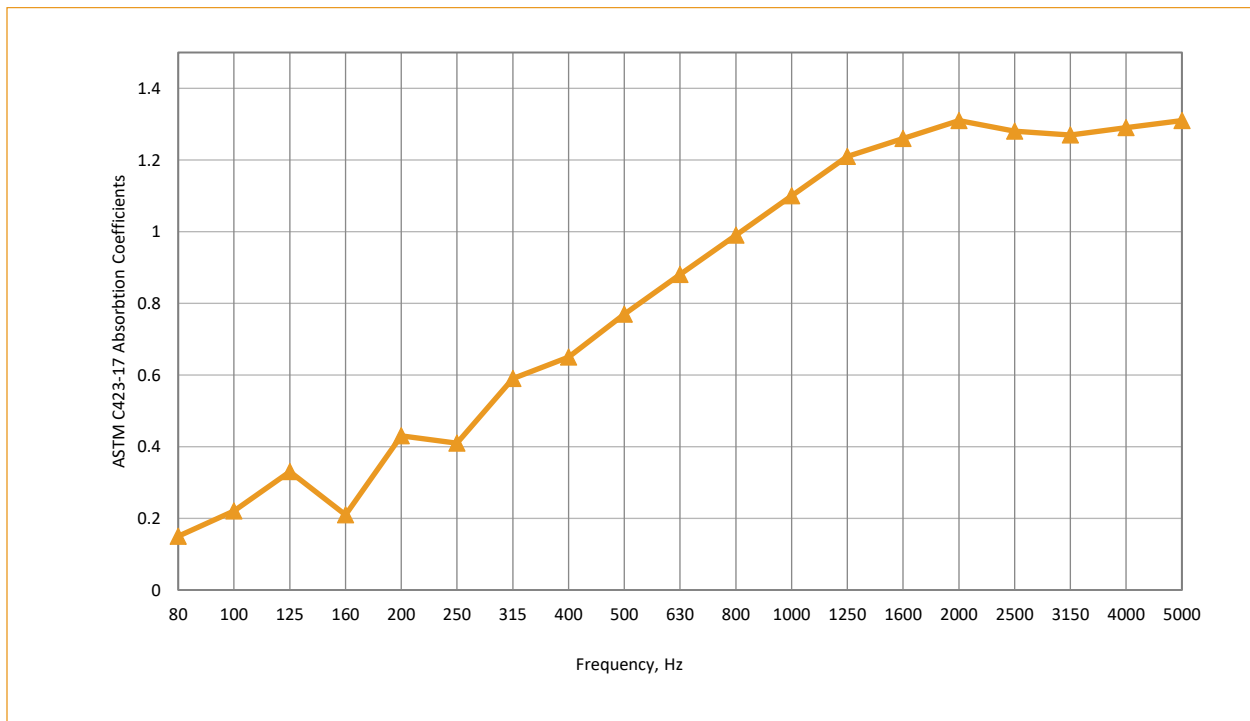
GEOCLOUD CLOSEDBACK 3/8" (9mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-333
DATE: 2018-10-04
MOUNTING: Type J Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.90	0.91	0.25	0.48	0.77	1.10	1.28	1.29



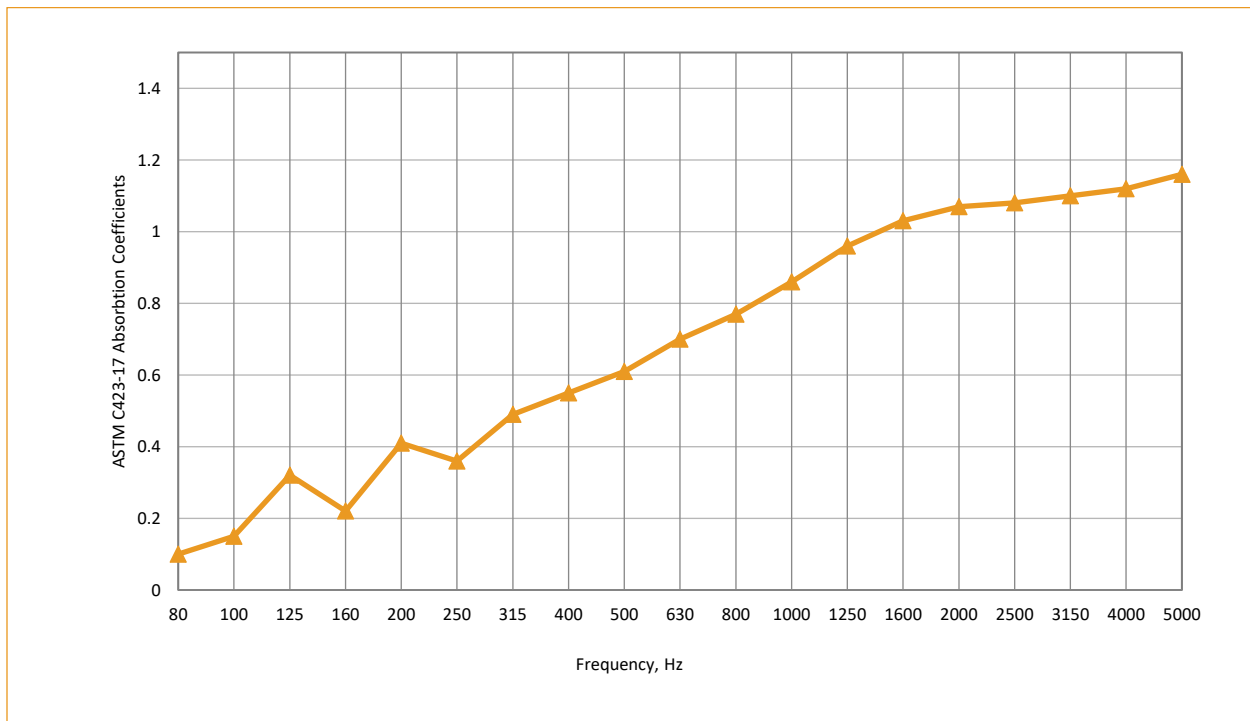
GEOCLOUD OPENBACK 3/8" (9mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-334
DATE: 2018-10-04
MOUNTING: Type J Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.75	0.74	0.23	0.42	0.62	0.86	1.06	1.13



EZO ON EZO 3/4" (18mm)

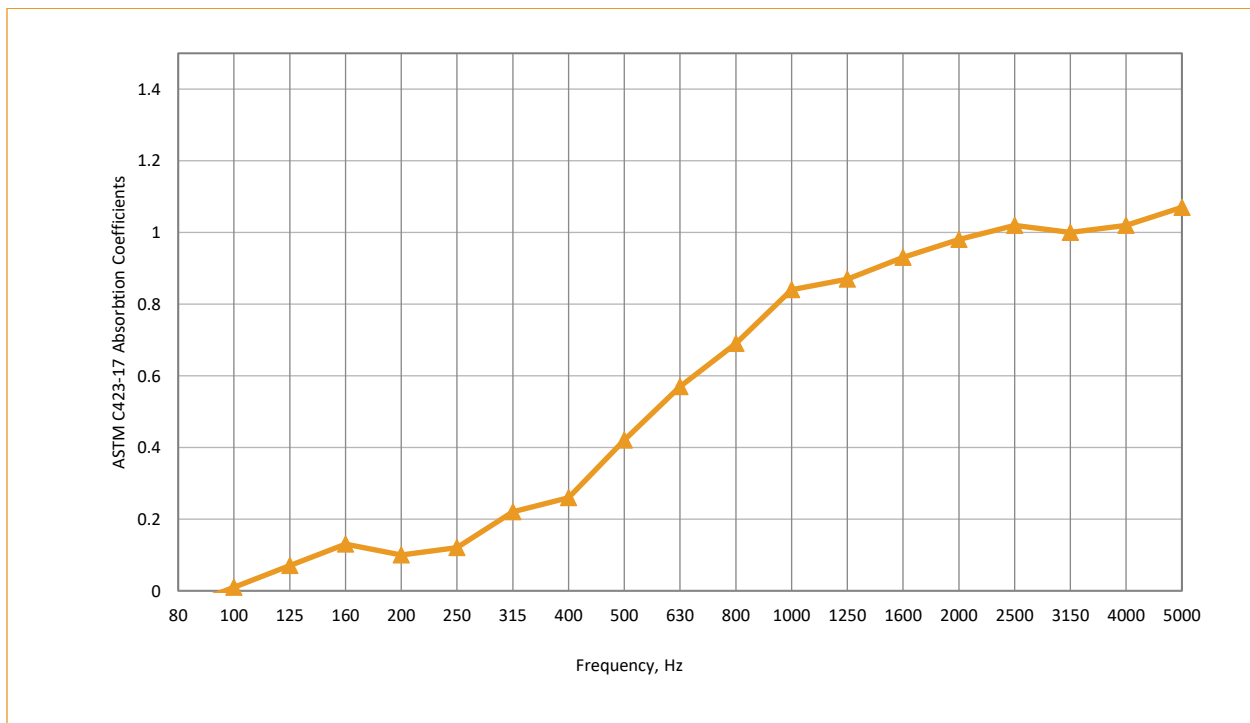
PATTERN: GALAXY

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-335
DATE: 2018-10-04
MOUNTING: Type A Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.60	0.58	0.07	0.15	0.42	0.80	0.98	1.03



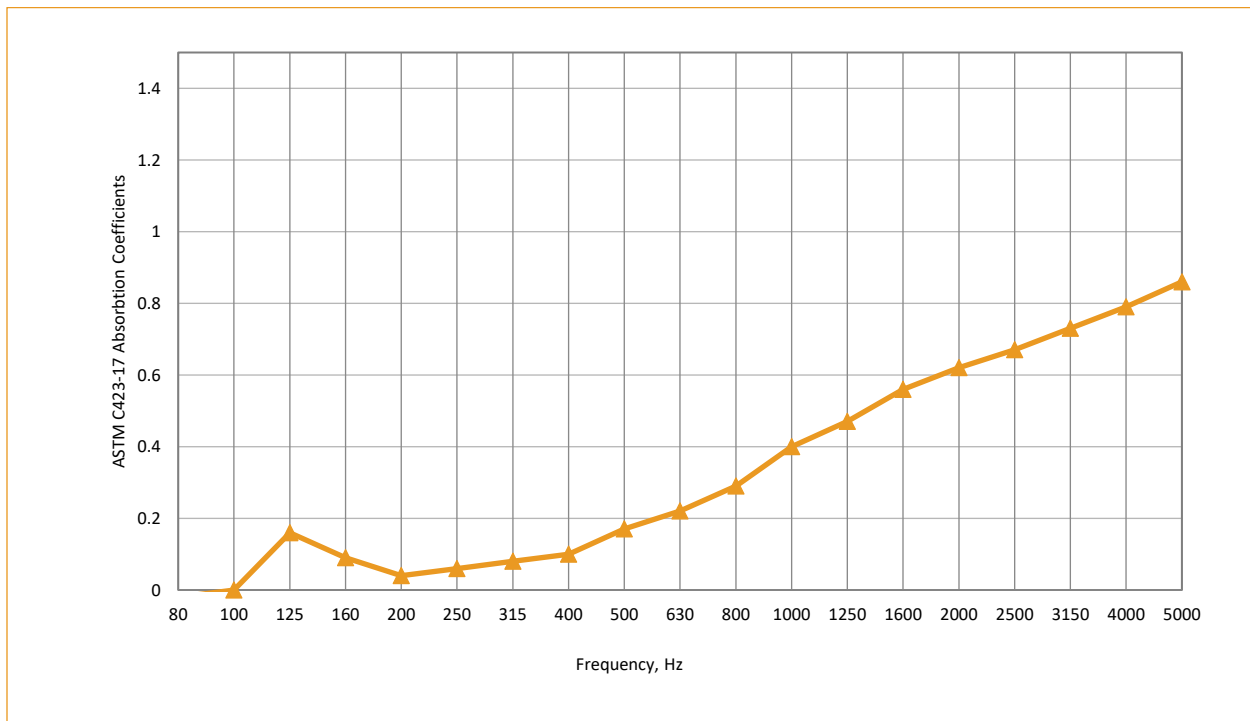
EZOBORD DIRECT MOUNT WALL PANEL 3/8" (9mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-336
DATE: 2018-10-04
MOUNTING: Type A Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.31	0.30	0.08	0.06	0.16	0.39	0.62	0.79



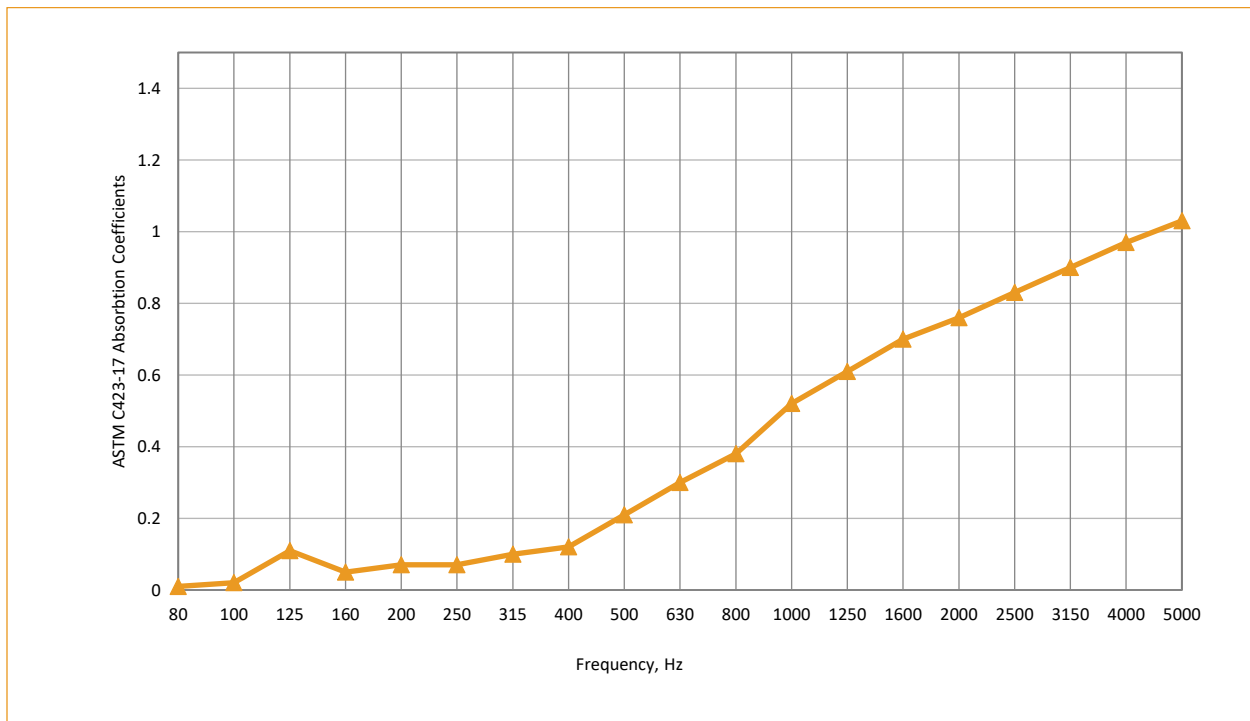
EZOBORD DIRECT MOUNT WALL PANEL 1/2" (12mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-337
DATE: 2018-10-05
MOUNTING: Type A Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.40	0.39	0.06	0.08	0.21	0.50	0.76	0.97



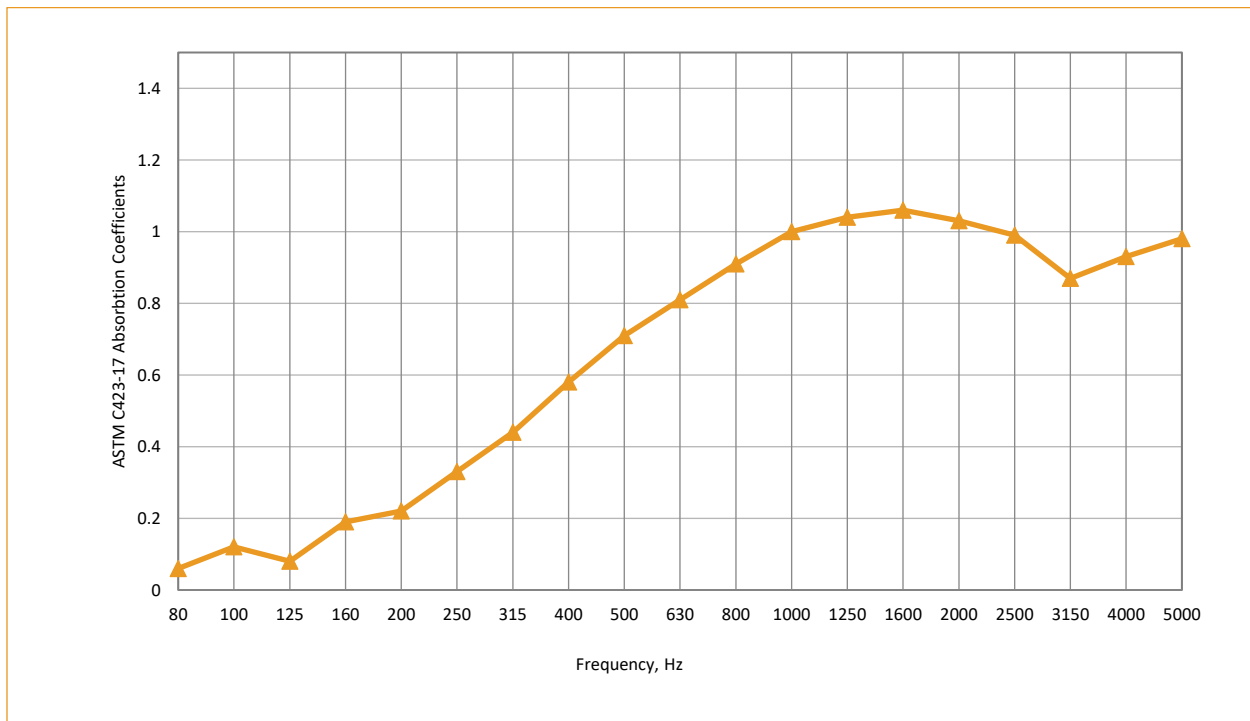
EZOBORD D50 MOUNT WALL PANEL 3/8" (9mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: National Research Council Canada – Acoustics Laboratory
REPORT: B3493.1
DATE: 2011-02-18
MOUNTING: Type D50 Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.75	0.76	0.13	0.33	0.70	0.98	1.03	0.93



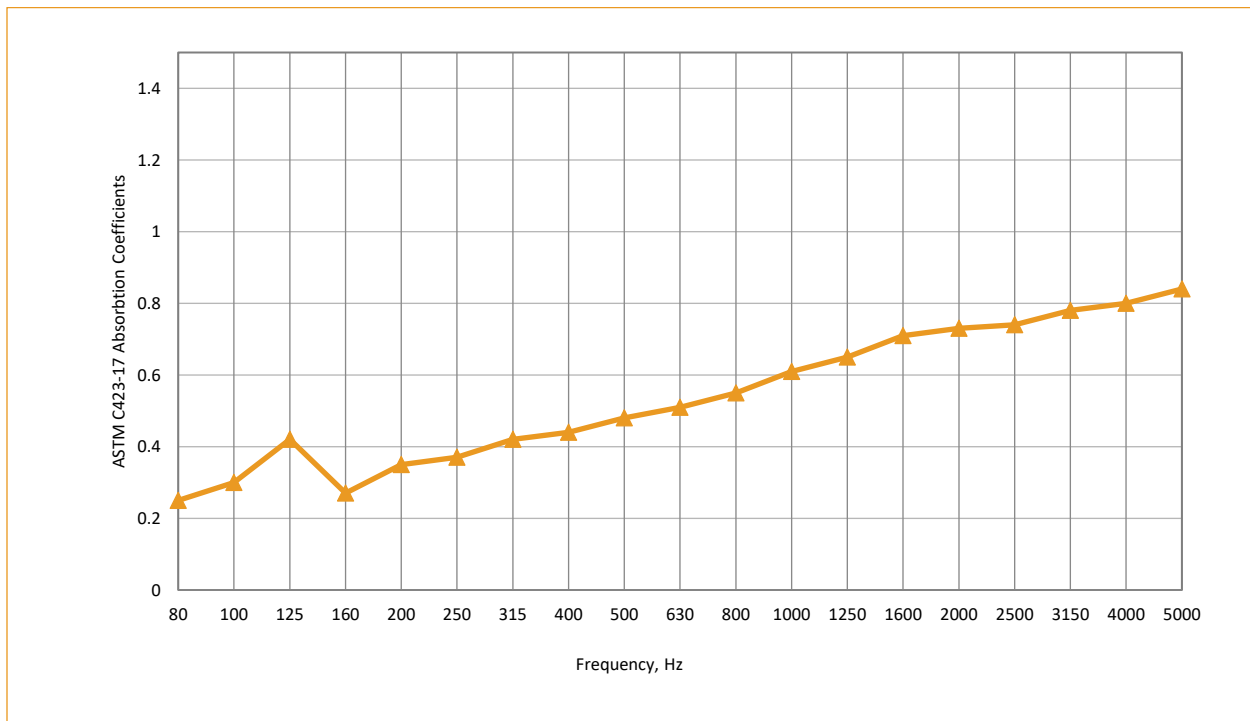
PERI WORKSTATION PANEL 1 1/2" (36mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-338
DATE: 2018-10-05
MOUNTING: Type K Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.55	0.55	0.33	0.38	0.48	0.60	0.73	0.81



WORKZONE DIVIDER 3/8" (9mm)

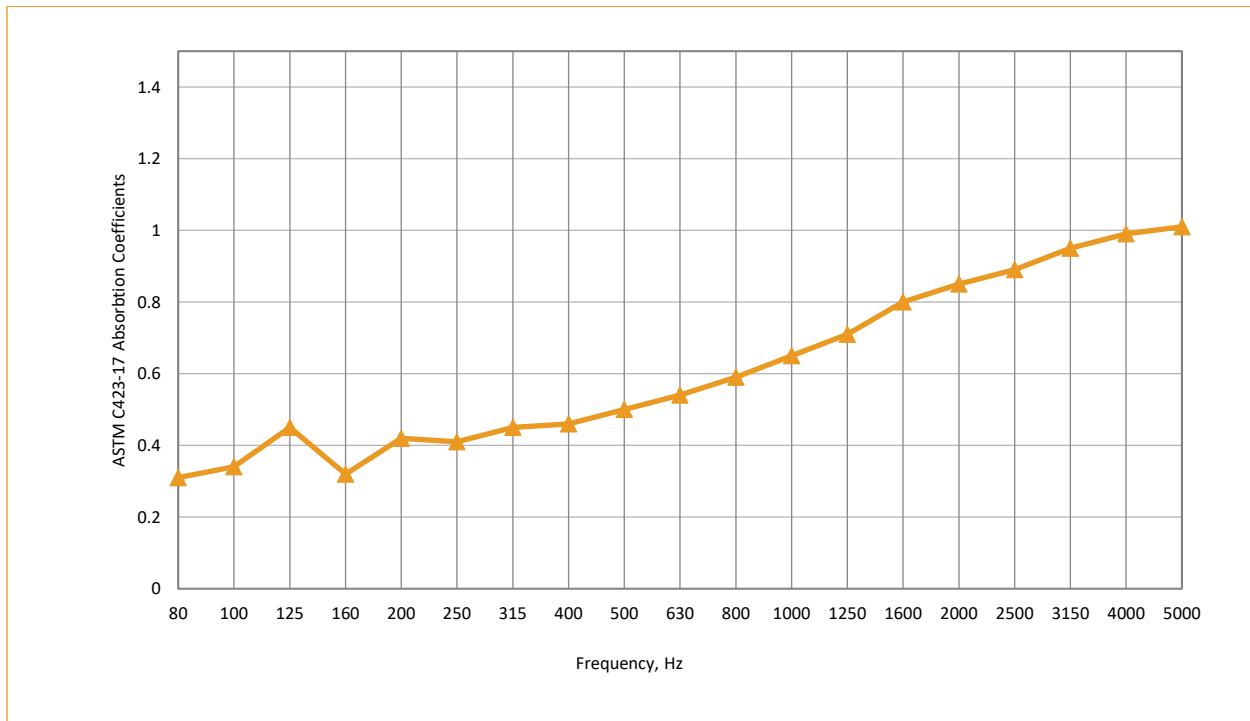
PATTERN: GALAXY

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-340
DATE: 2018-10-05
MOUNTING: Type J Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.60	0.61	0.37	0.43	0.50	0.65	0.85	0.98



EZO PRINT 1/2" (12mm)

TEST INFORMATION

STANDARD: ASTM C423-17
LABORATORY: Riverbank Acoustical Laboratories
REPORT: RAL-A18-341
DATE: 2018-10-05
MOUNTING: Type A Mounting (ASTM E795)
METHOD: Apparent Sound Absorption Coefficient calculated from total test surface area covered

SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

NRC	SAA	125	250	500	1000	2000	4000
0.40	0.39	0.03	0.07	0.21	0.51	0.76	0.95

