



## 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:** 03/06/2019

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

## GRID CANOPY 1/2" (12mm)

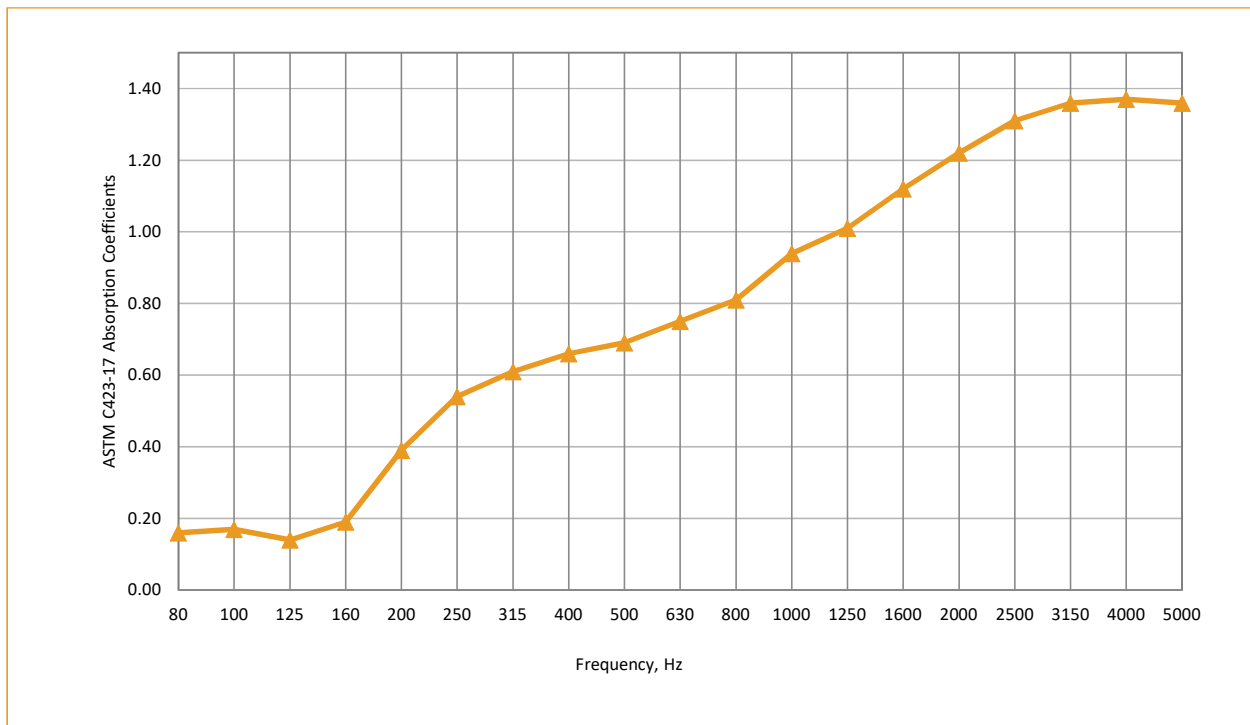
TAPERED | GRID DENSITY: 12 1/2" (317.5mm) | GRID HEIGHT: 10" (254mm)

### 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)

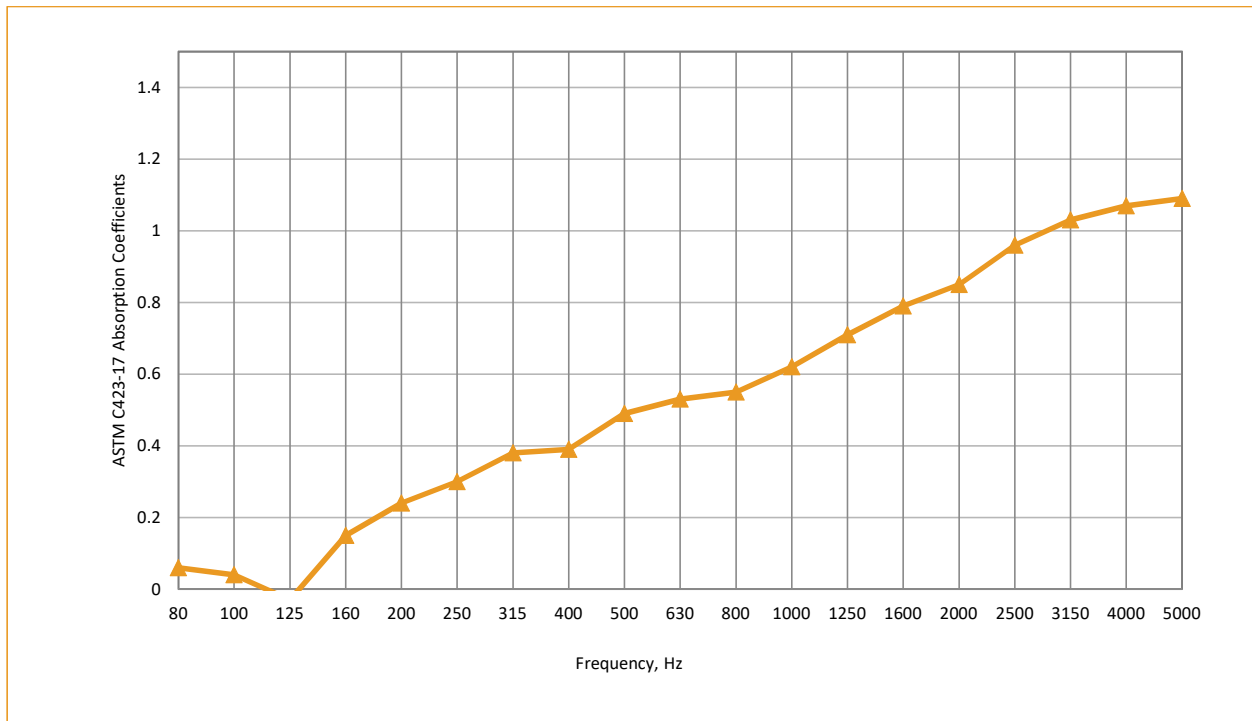
TAPERED | GRID DENSITY: 10 3/8" (263.52mm) | GRID HEIGHT: 6" (152.4mm)

### 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)

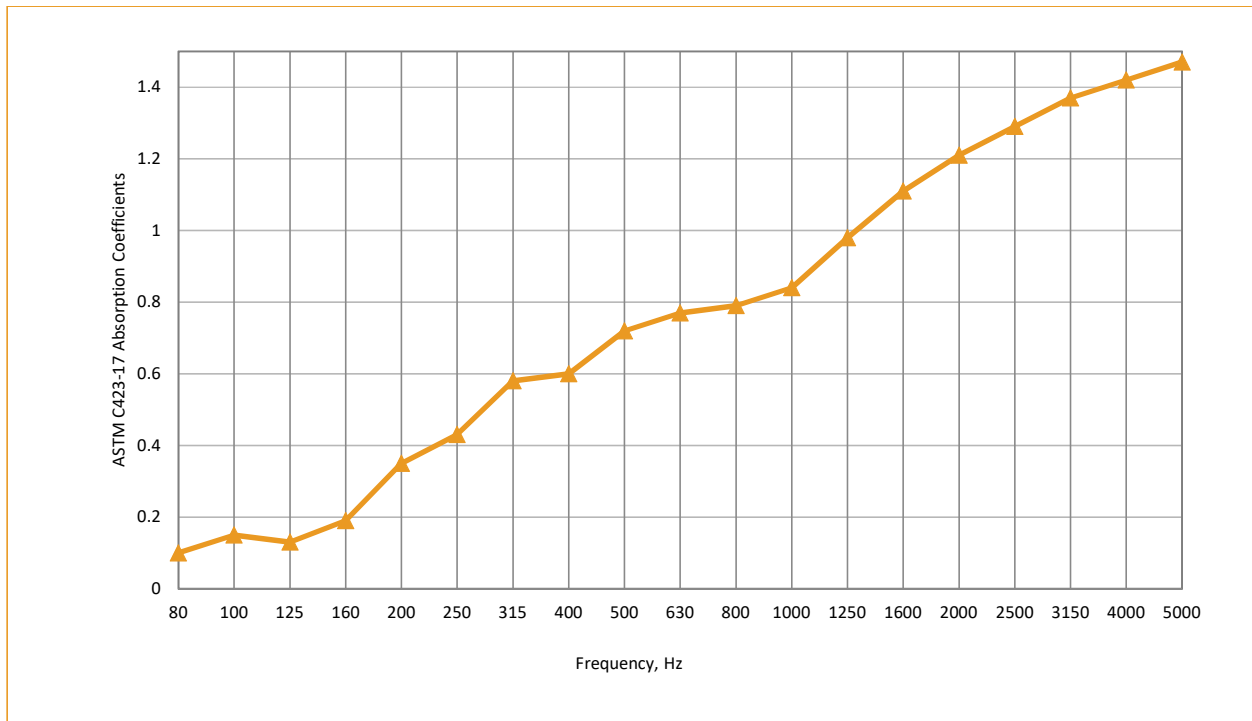
GRID DENSITY: 8 1/2" (215.9mm) | GRID HEIGHT MIN: 5.81" (147.57mm) MAX: 10" (254mm)

### 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)

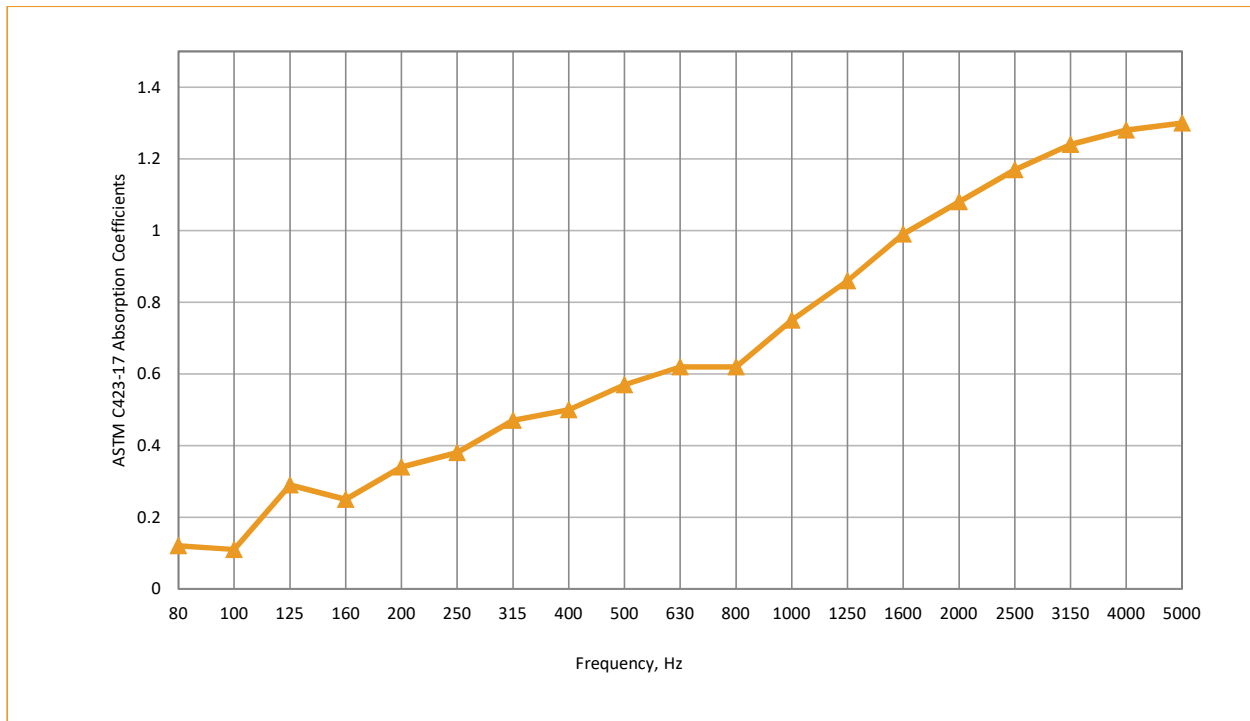
STYLE: VELDI | BAFFLE SPACING: 10 1/2" (266.7mm) | BAFFLE HEIGHT: 12" (304.8mm)

### 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
<b>0.70</b>	<b>0.70</b>	0.22	0.40	0.56	0.74	1.08	1.27



**ROMBO / NELIO 2" (50mm)**

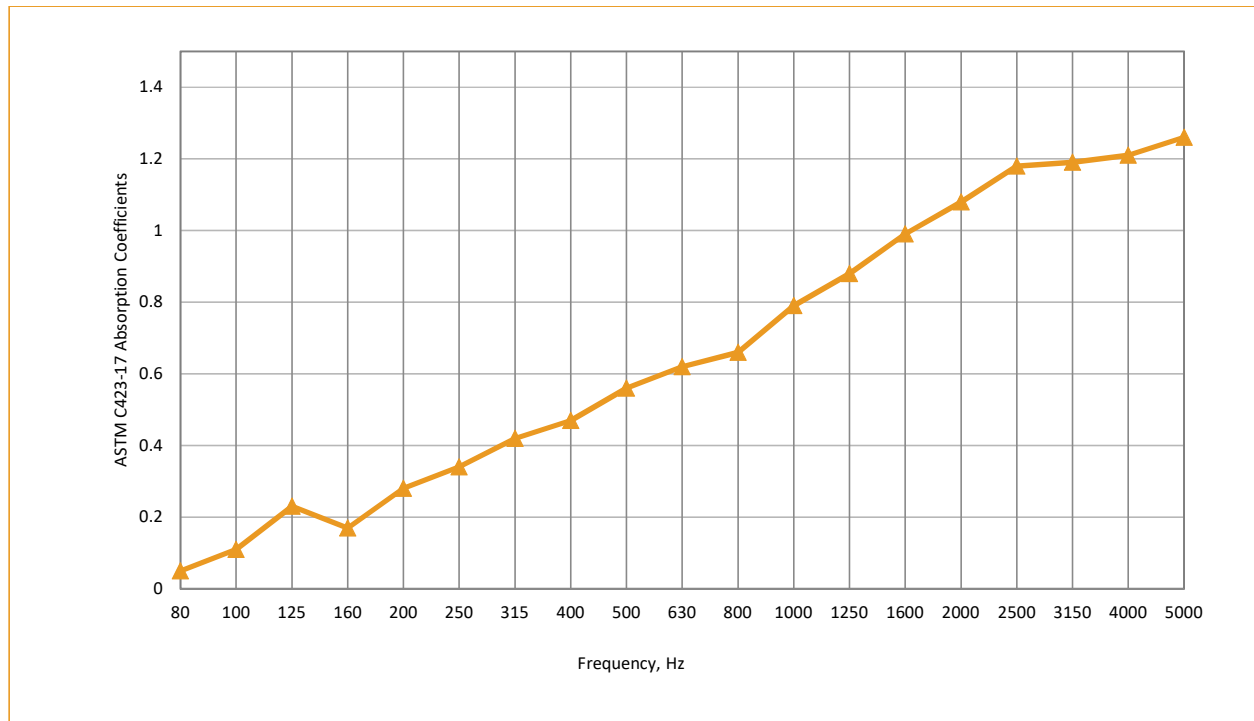
STYLE: NELIO | BAFFLE SPACING: 11 3/4" (298.45mm) | BAFFLE HEIGHT: 7 3/4" (196.85mm)

**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)**

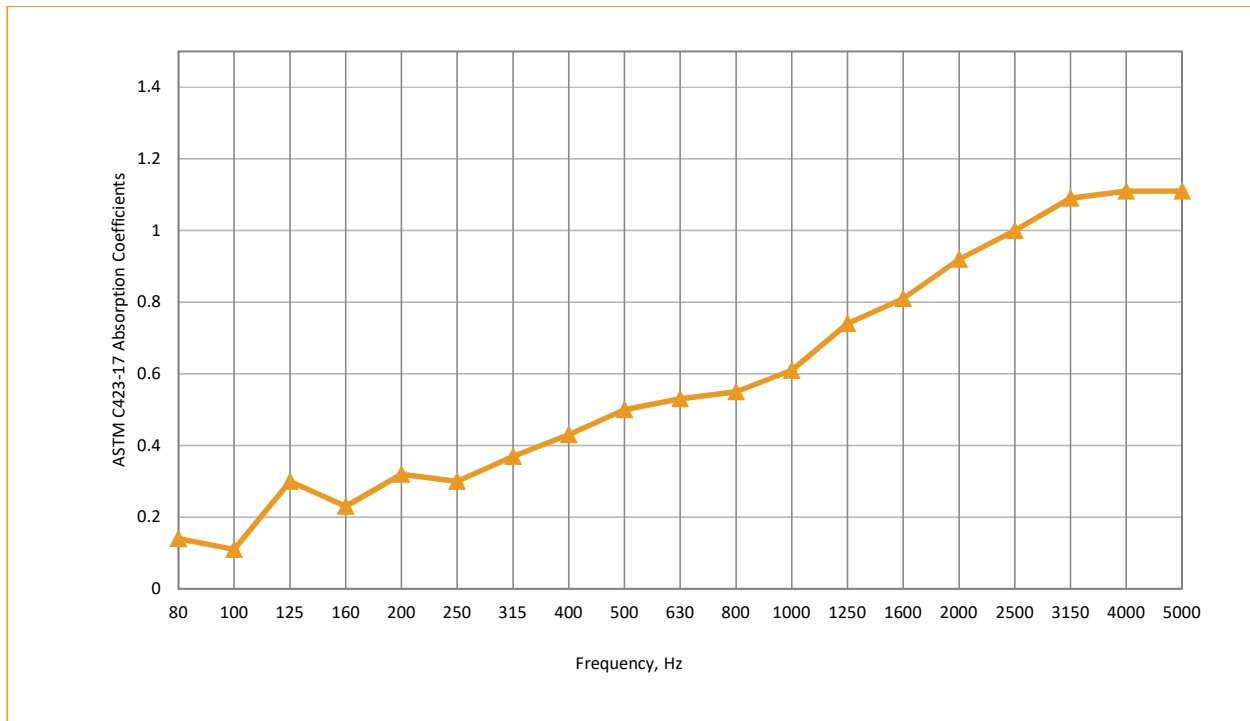
STYLE: VELDI | BAFFLE SPACING: 10 5/8" (269.88mm) | BAFFLE HEIGHT: 12 1/8" (307.97mm)

**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





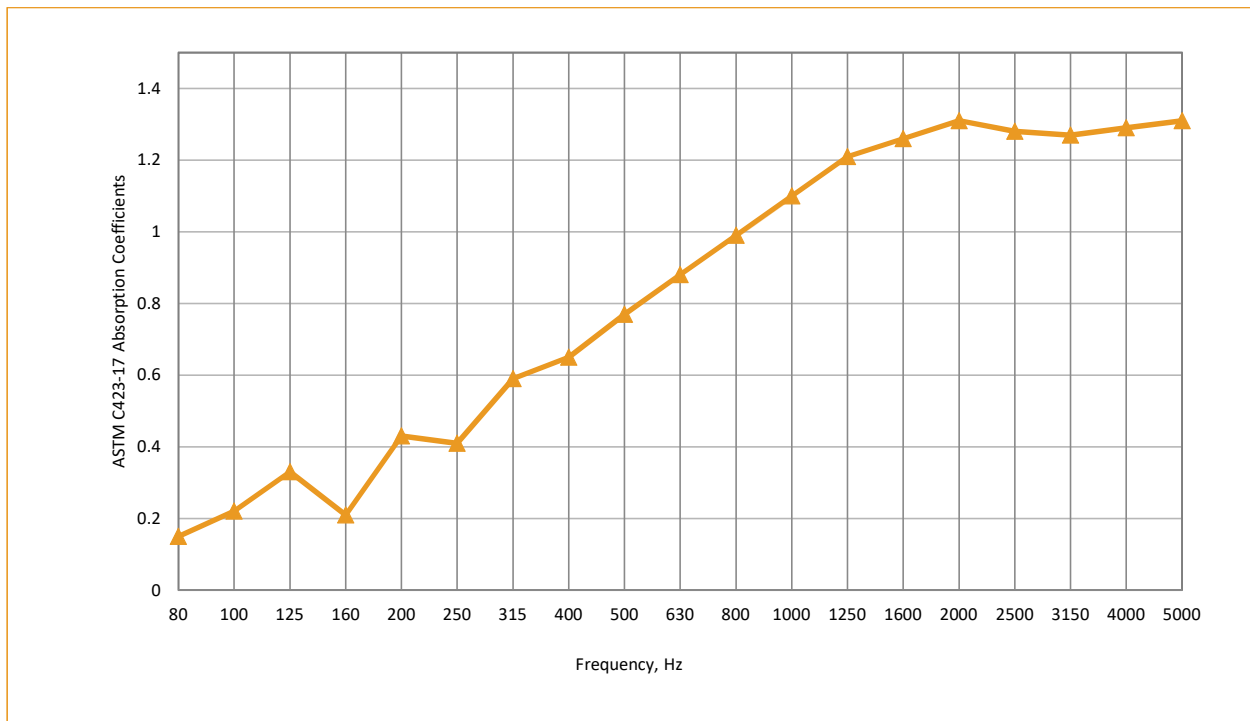
## GEOCLOUD CLOSEDBACK 3/8" (9mm)

### 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



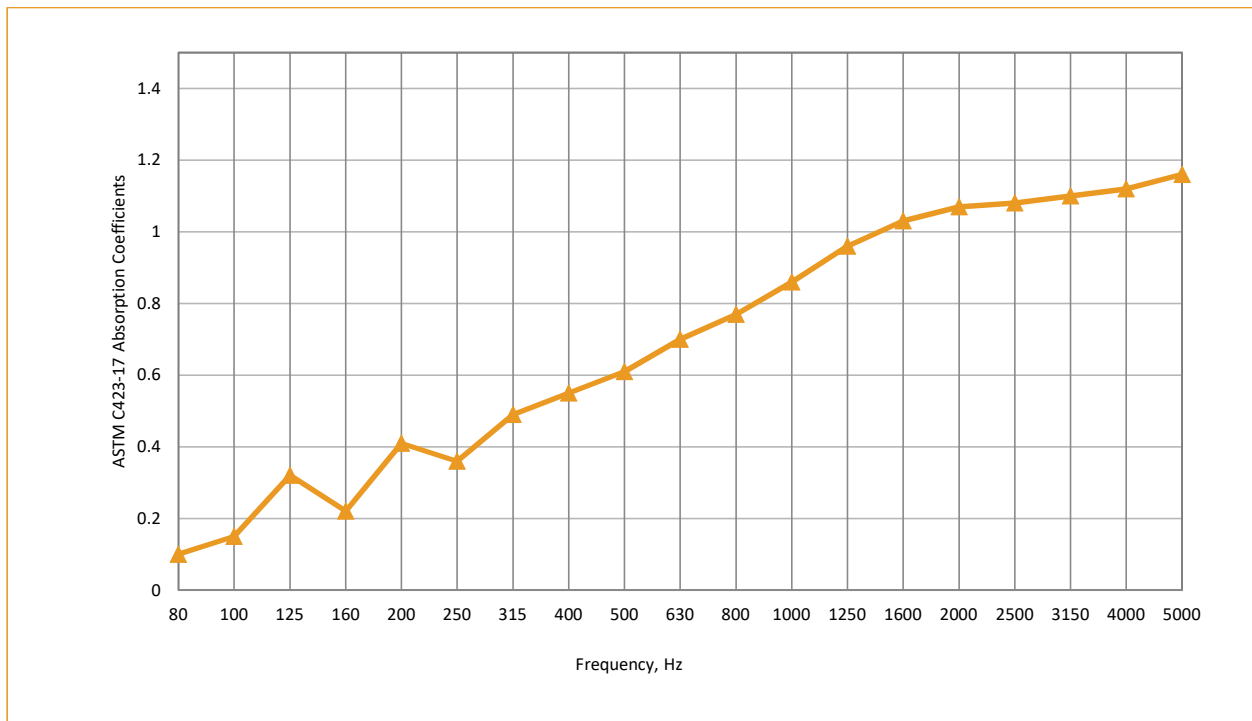
## GEOCLOUD OPENBACK 3/8" (9mm)

### 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)

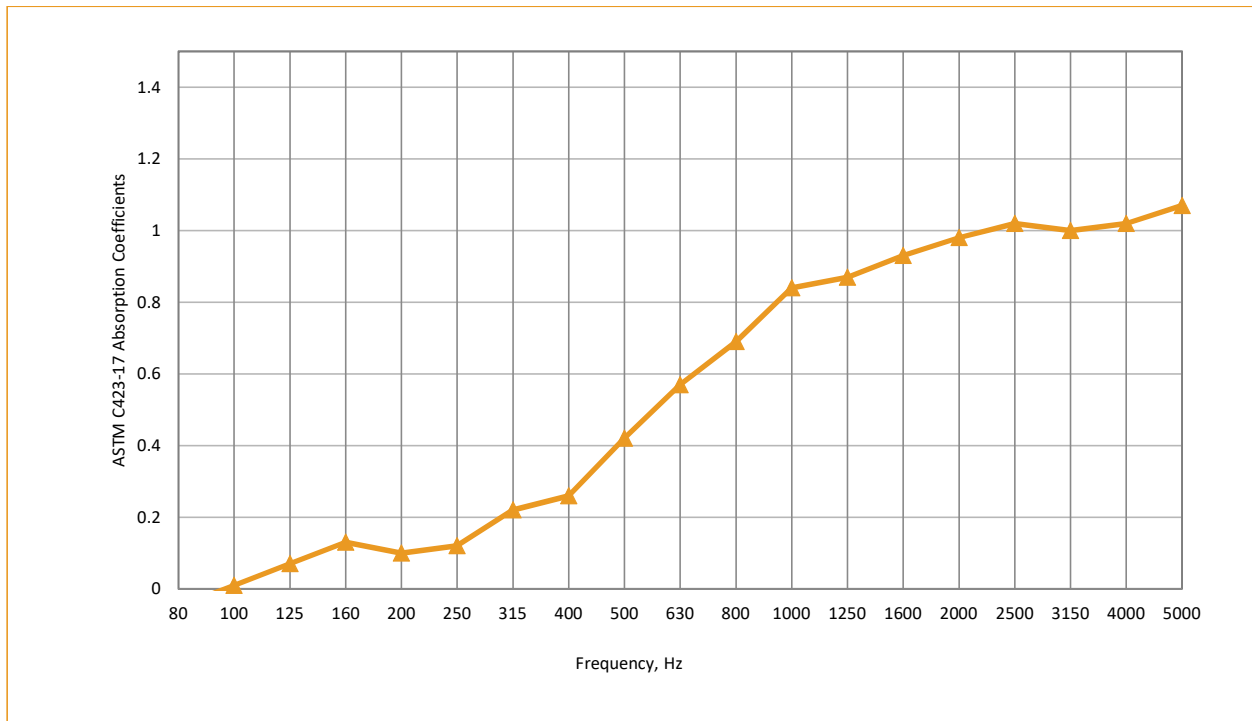
PATTERN: GALAXY

### 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
<b>0.60</b>	<b>0.58</b>	0.07	0.15	0.42	0.80	0.98	1.03



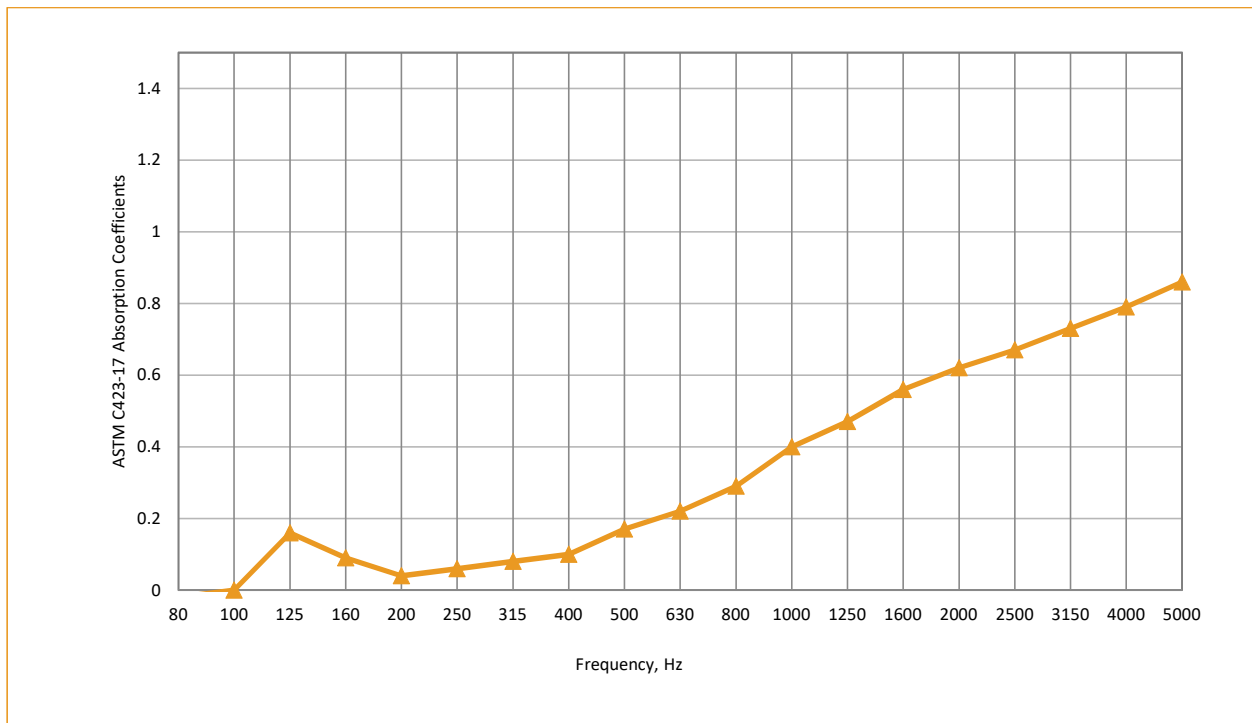
## EZOBORD DIRECT MOUNT WALL PANEL 3/8" (9mm)

### 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



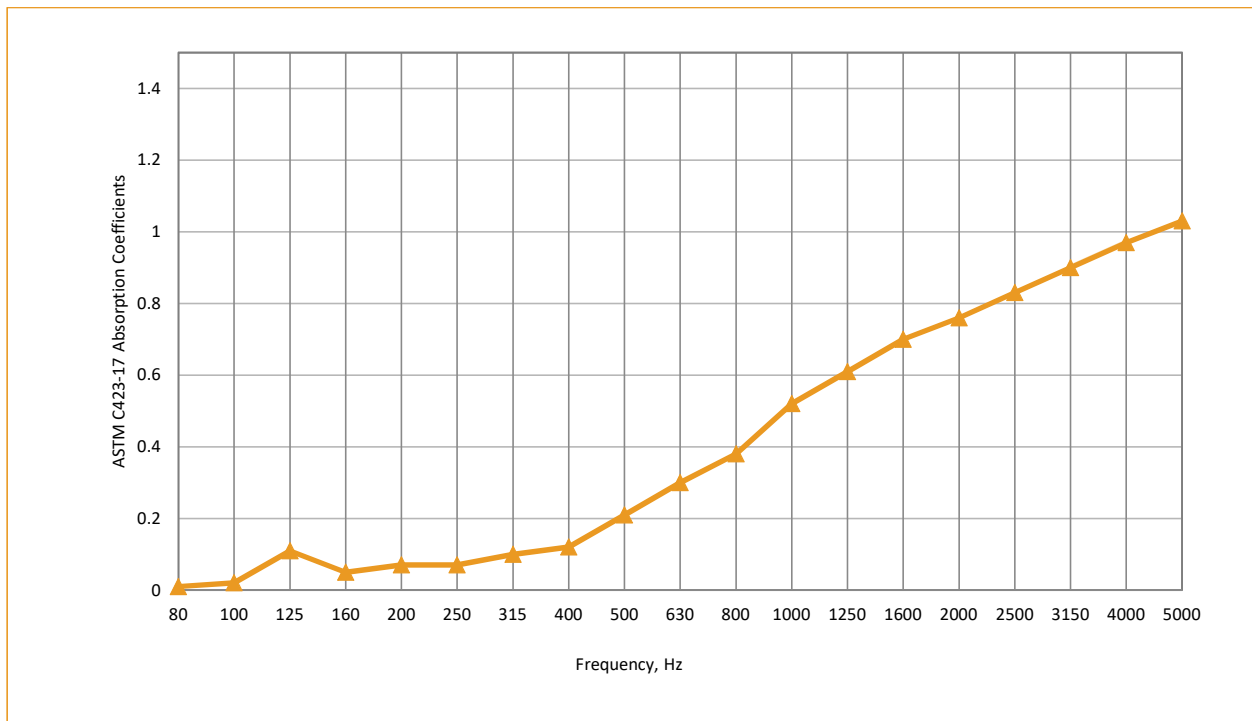
## EZOBORD DIRECT MOUNT WALL PANEL 1/2" (12mm)

### 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



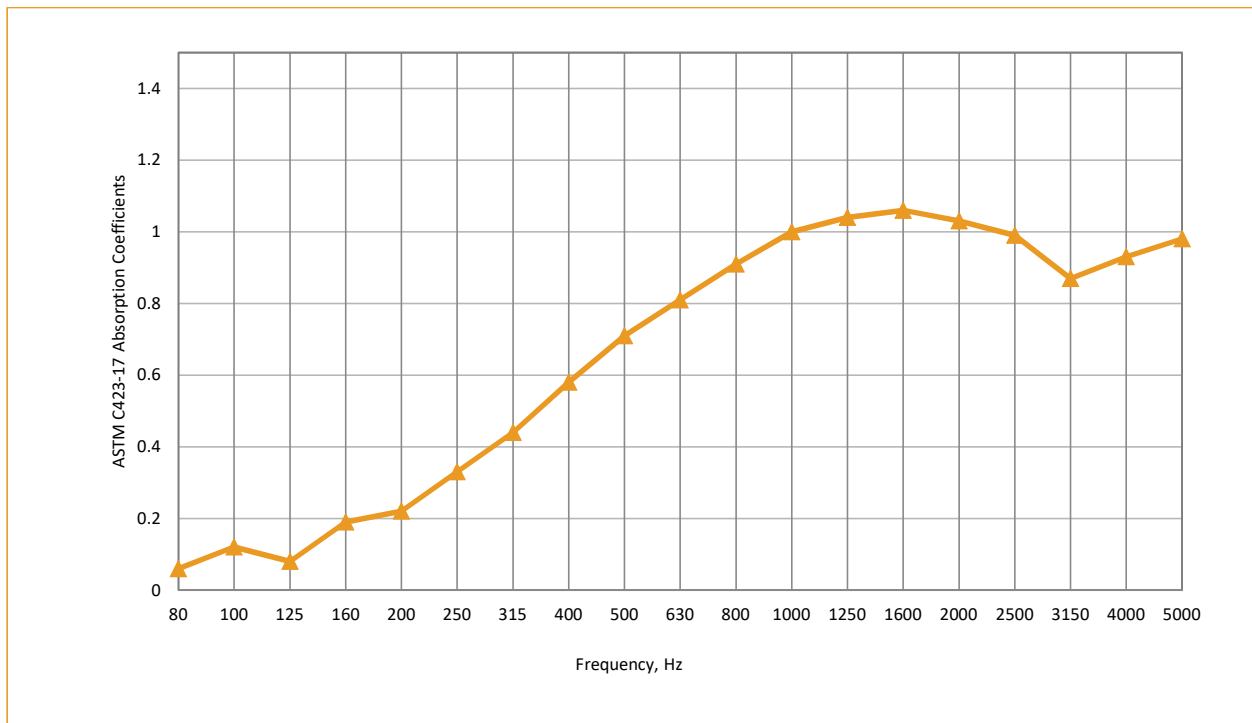
**EZOBORD D50 MOUNT WALL PANEL 3/8" (9mm)**

**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



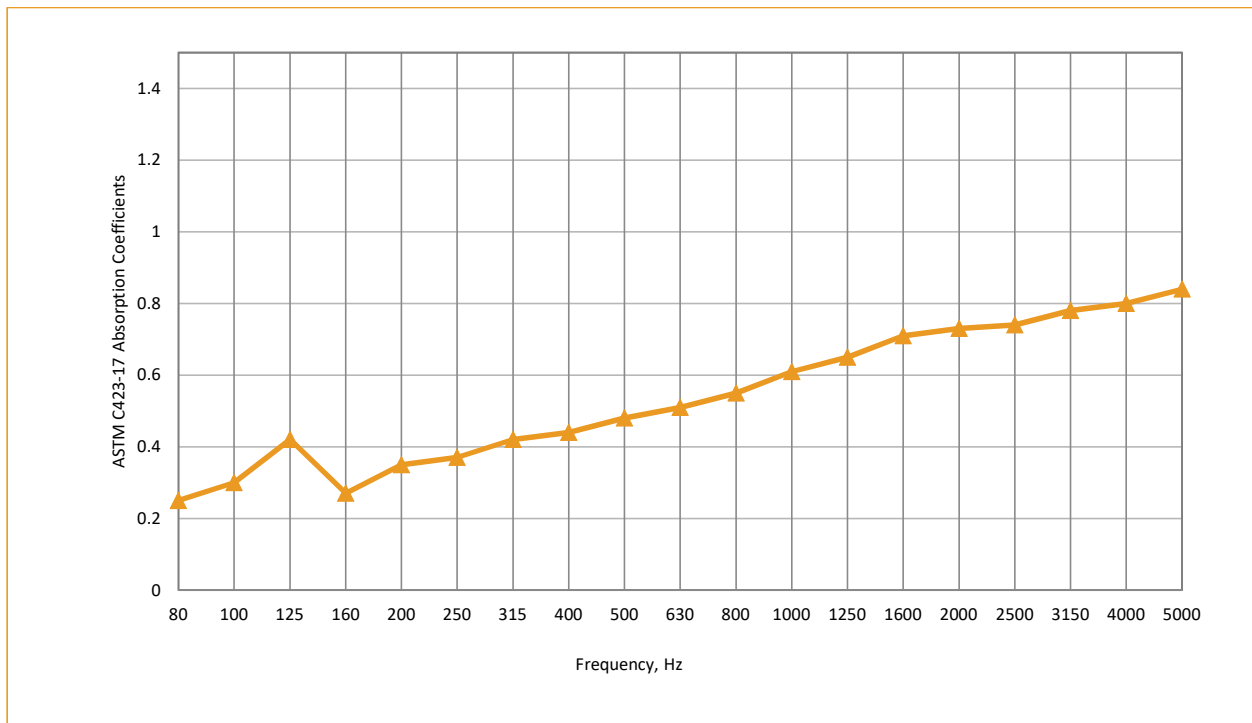
## PERI WORKSTATION PANEL 1 1/2" (36mm)

### 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)

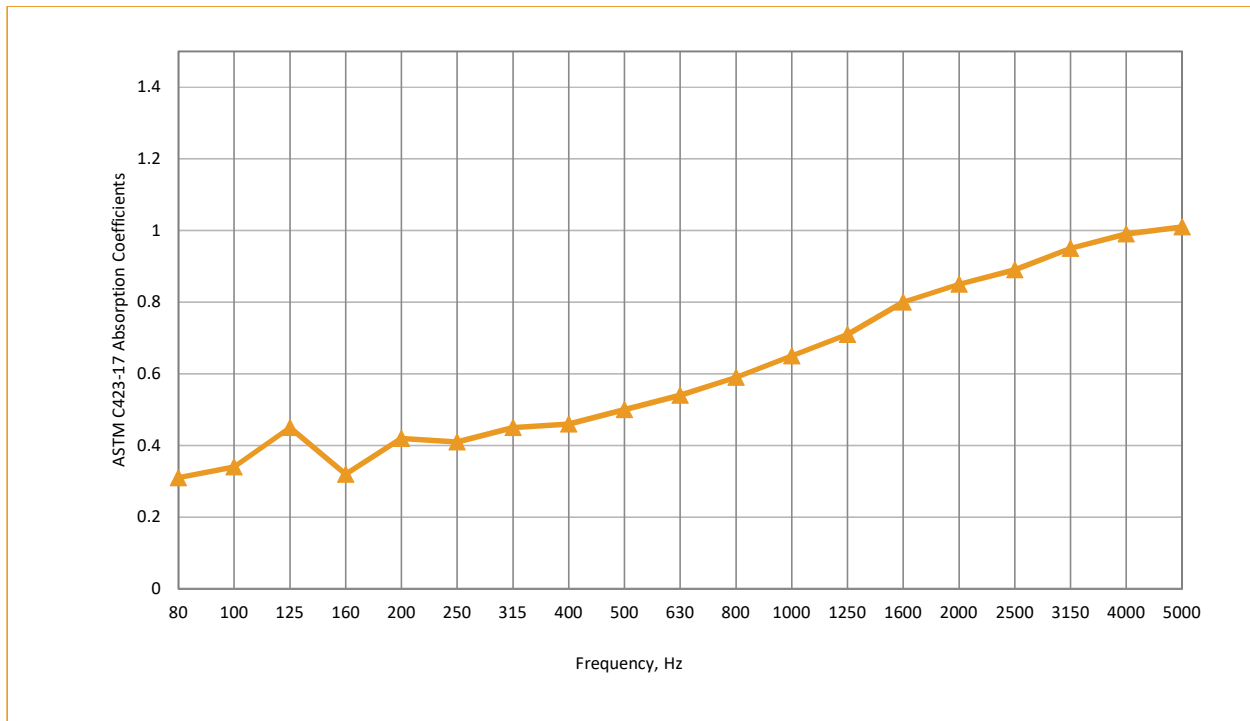
PATTERN: GALAXY

### 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

