

Delta Leaves One W21.3" x L52.8" x T2.4"

ESTIMATED NOISE REDUCTION COEFFICIENT (NRC) FOR SINGLE OBJECT

Calculation based on laboratory measurement according to ISO 354:2003 and exposed surface of object according to calculation

Date:
2024-12-02

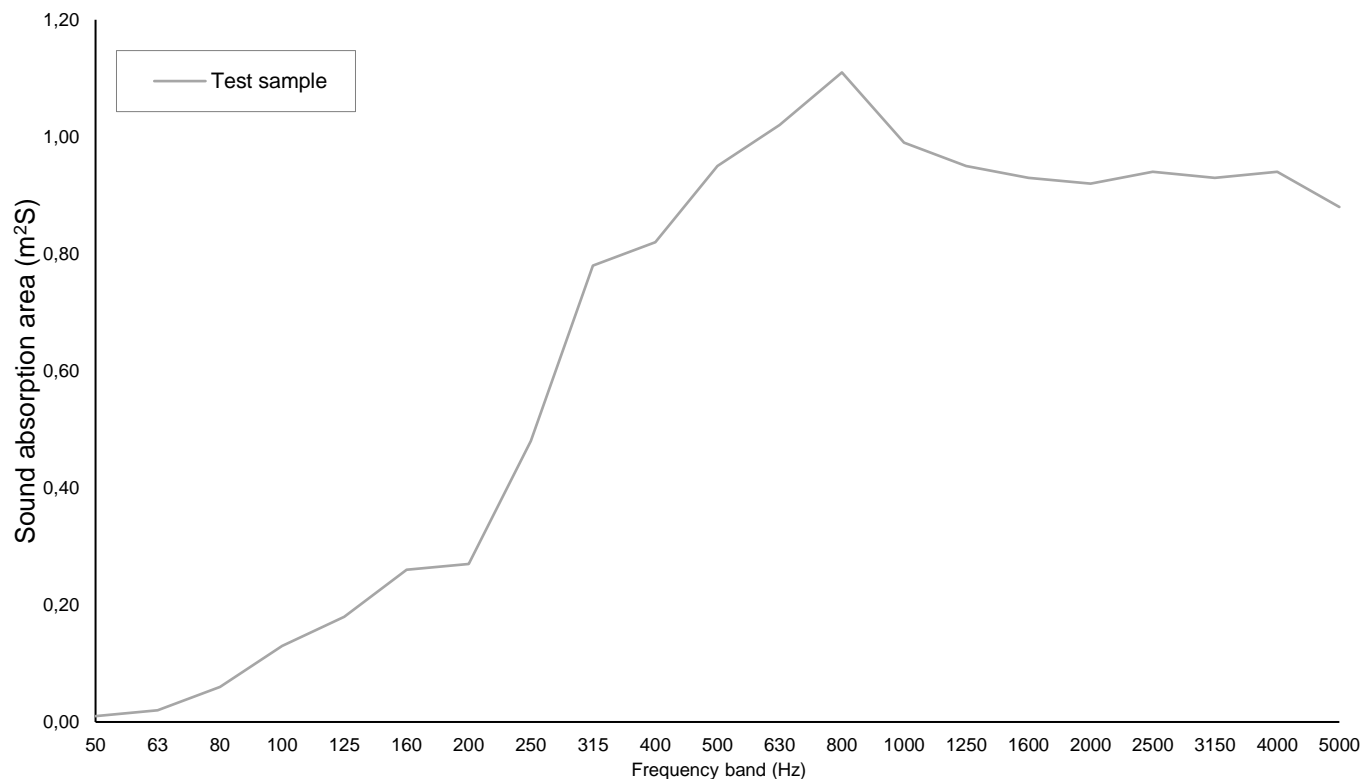
Frequency f [Hz]	Single object Sound absorption Area (m ² Sabine)	Single object Sound absorption Coefficient (α)
50	0.01	
63	0.02	
80	0.06	
100	0.13	
125	0.18	
160	0.26	
200	0.27	
250	0.48	0.56
315	0.78	
400	0.82	
500	0.95	1.1
630	1.02	
800	1.11	
1000	0.99	1.2
1250	0.95	
1600	0.93	
2000	0.92	1.1
2500	0.94	
3150	0.93	
4000	0.94	
5000	0.88	

Noise Reduction Coefficient (NRC): 1.0

Product identification: Delta Leaves One W21.3" x L52.8" x T2.4"
 Original test report: 2907-M9
 Description of test specimen: Designed sound absorber mounted directly on the wall. MDF core with mineral wool filling and cover of textile. Size W21.3"xL52.8"xT2.4". Area used in NRC calculation is the projected area plus the area of the edge as circumference of projection multiplied with thickness.



Exposed surface of object =
 (calculated surface area) = (9.2 ft²)
 (0,9 m²)



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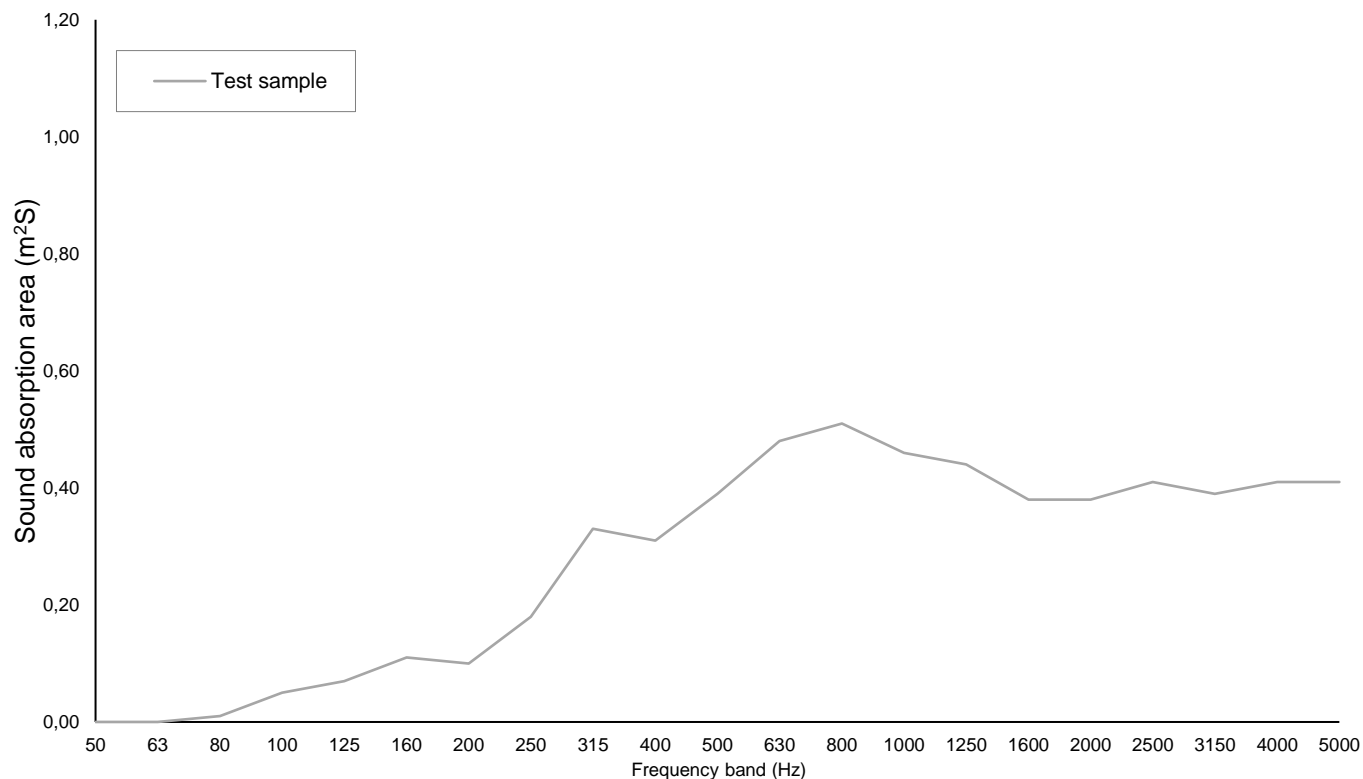
Frequency f [Hz]	Single object Sound absorption Area (m ² Sabine)	Single object Sound absorption Coefficient (α)
50	0	
63	0	
80	0.01	
100	0.05	
125	0.07	
160	0.11	
200	0.10	
250	0.18	0.51
315	0.33	
400	0.31	
500	0.39	1.1
630	0.48	
800	0.51	
1000	0.46	1.3
1250	0.44	
1600	0.38	
2000	0.38	1.1
2500	0.41	
3150	0.39	
4000	0.41	
5000	0.41	

Noise Reduction Coefficient (NRC): 1.0

Product identification: Delta Leaves Two W21.3" x L21.3" x T2.4"
 Original test report: 2907-M11
 Description of test specimen: Designed sound absorbent floating in the air, suspended by wires. MDF core with mineral wool filling and cover of textile. Size W21.3"xL21.3"xT2.4". Area used in NRC calculation is the projected area plus the area of the edge as circumference of projection multiplied with thickness.



Exposed surface of object =
 (calculated surface area) = (3.8 ft²)
 (0,4 m²)



Delta Leaves Three W35.4" x L35.4" x T2.4"

ESTIMATED NOISE REDUCTION COEFFICIENT (NRC) FOR SINGLE OBJECT

Calculation based on laboratory measurement according to ISO 354:2003 and exposed surface of object according to calculation

Date:
2024-12-02

Frequency f [Hz]	Single object Sound absorption Area (m ² Sabine)	Single object Sound absorption Coefficient (α)
50	0.04	
63	0.03	
80	0.07	
100	0.14	
125	0.21	
160	0.31	
200	0.37	
250	0.48	0.55
315	0.79	
400	0.91	
500	1.15	1.3
630	1.08	
800	1.08	
1000	0.99	1.1
1250	0.95	
1600	0.99	
2000	0.97	1.1
2500	0.99	
3150	0.96	
4000	0.96	
5000	0.97	

Noise Reduction Coefficient (NRC): **1.0**

Product identification: Delta Leaves Three W35.4" x L35.4" x T2.4"
 Original test report: 2907-M10
 Description of test specimen: Designed sound absorber mounted directly on the wall. MDF core with mineral wool filling and cover of textile. Size W35.4"xL35.4"xT2.4". Area used in NRC calculation is the projected area plus the area of the edge as circumference of projection multiplied with thickness.



Exposed surface of object =
 (calculated surface area) = (9.3 ft²)
 (0.9 m²)

