

# Delta Wall & Leaves

## 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 <sup>2</sup> 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 Wall & Leaves  
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. 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 ft<sup>2</sup> )  
( 0,9 m<sup>2</sup> )

