

Technical Data Sheet

Product: Echo Wall

Category: Sound absorption for walls and ceiling

Product Description

Acoustic fabric panels are used for sound absorption on walls and ceiling in public and industrial buildings. The panel has fire retardant characteristics. The covering is acoustic fabric. Panels are offered in two standard dimensions, 500 x 500mm and 500 x 1000mm with a possible thickness of 30/40/50/100mm.

Sound absorption coefficients are according to the standard EN ISO 345.



Physical characteristics	Unit	Value				Tolerance
Thickness	mm	30	40	50	100	±2
Length	mm	500	500	500	500	±2
Width	mm	1000	1000	1000	1000	±2
Weight	kg	0,4	0,5	0,6	1,2	±2

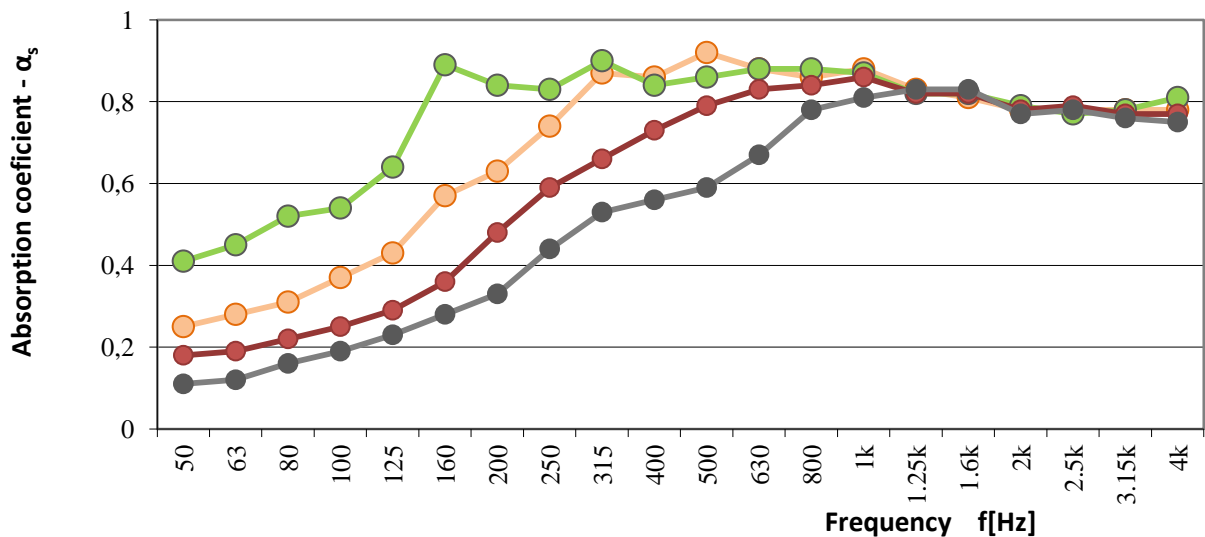
✓ **SUITABLE**
FOR INDOOR CONDITIONS

✓ **CLASSIC**
DESIGN AND ELEMENTS

✓ **EXCELLENT**
ACOUSTIC PERFORMANCE

Raw Materials	PU foam and acoustic fabric finish
Installation	Directly glued
Colour	Available in 22 colours

Sound Absorption Coefficient									
mm	30	40	50	100	f [Hz]	30	40	50	100
f [Hz]	a_s	a_s	a_s	a_s	mm	a_s	a_s	a_s	a_s
50	0,11	0,18	0,25	0,41	500	0,59	0,79	0,92	0,86
63	0,12	0,19	0,28	0,45	630	0,67	0,83	0,88	0,88
80	0,16	0,22	0,31	0,52	800	0,78	0,84	0,86	0,88
100	0,19	0,25	0,37	0,54	1k	0,81	0,86	0,88	0,87
125	0,23	0,29	0,43	0,64	1.25k	0,83	0,82	0,83	0,82
160	0,28	0,36	0,57	0,89	1.6k	0,83	0,82	0,81	0,82
200	0,33	0,48	0,63	0,84	2k	0,77	0,78	0,78	0,79
250	0,44	0,59	0,74	0,83	2.5k	0,78	0,79	0,78	0,77
315	0,53	0,66	0,87	0,9	3.15k	0,76	0,77	0,78	0,78
400	0,56	0,73	0,86	0,84	4k	0,75	0,77	0,78	0,81



Technical characteristics	Standard	Unit	Value
Airflow resistivity	-	Ray l/m	10500
Class reaction to fire	DIN 142	-	B1 s1 d0

Available colours for the Textile

