

# Technical Data Sheet

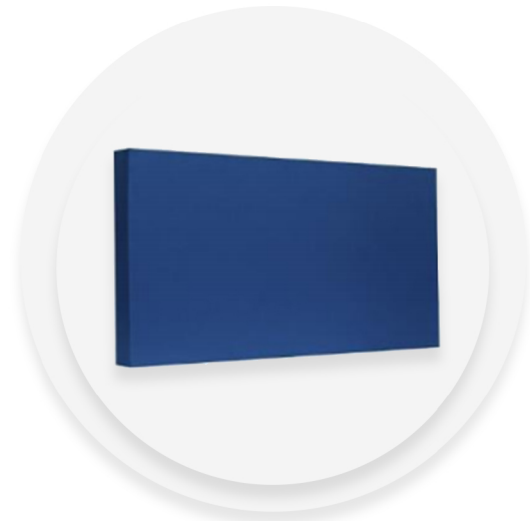
**Product:** Acoustic Fabric Panels

**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 500/500 mm and 500/1000 mm and three standard thicknesses – 30/40/50mm.

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



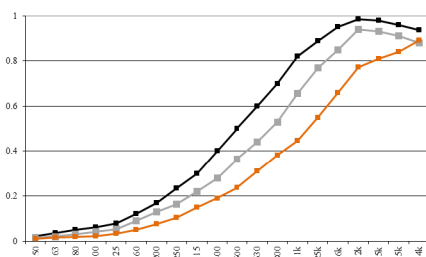
✓ **SUITABLE**  
FOR INDOOR CONDITIONS

✓ **CLASSIC**  
DESIGN AND ELEMENTS

✓ **EXCELLENT**  
ACOUSTIC PERFORMANCE

PHYSICAL CHARACTERISTICS	Unit	Value			Tolerance
Thickness	mm	30	40	50	±2%
Length	mm	500/1000	500/1000	500/1000	±2%
Width	mm	500	500	500	±2%
Weight	kg	0,35/0,75	0,40/0,80	0,50/1,00	±2%

Raw Materials	PE or Melamine semi elastic foam and acoustic fabric
Installation	Direct glued
Color	Available in 21 colors



Sound Absorption Coefficient							
f [Hz]	as	as	as	f [Hz]	as	as	as
	30mm	40mm	50mm		30mm	40mm	50mm
50	0.010	0.015	0.020	500	0.238	0.364	0.500
63	0.015	0.020	0.035	630	0.310	0.440	0.600
80	0.018	0.030	0.050	800	0.380	0.530	0.700
100	0.022	0.040	0.060	1k	0.447	0.657	0.821
125	0.033	0.053	0.079	1.25k	0.550	0.770	0.890
160	0.050	0.090	0.120	1.6k	0.660	0.850	0.950
200	0.075	0.130	0.170	2k	0.771	0.941	0.985
250	0.104	0.162	0.234	2.5k	0.810	0.930	0.980
315	0.150	0.220	0.300	3.15k	0.840	0.910	0.960
400	0.190	0.280	0.400	4k	0.892	0.879	0.938

TECHNICAL CHARACTERISTICS	Standard	Unit	Value
Airflow resistivity	-	Ray l/m	10 500
Class Reaction to Fire	DIN 142	-	B1 s1 d0

**AVAILABLE COLORS**  
FOR THE TEXTILE



**PACKING AND STORAGE**

- ACOUSTIC FABRIC PANELS **500x500x30mm** – 17 pcs. per box; Box dimensions: **550 x 550 x 550 mm**; Weight per box 7.95 kg.
- ACOUSTIC FABRIC PANELS **1000x500x30mm** – 17 pcs. per box; Box dimensions: **1050 x 550 x 550 mm**; Weight per box 14.75 kg.
- ACOUSTIC FABRIC PANELS **500x500x40mm** – 13 pcs. per box; Box dimensions: **550 x 550 x 550 mm**; Weight per box 7.20 kg.
- ACOUSTIC FABRIC PANELS **1000x500x40mm** – 13 pcs. per box; Box dimensions: **1050 x 550 x 550 mm**; Weight per box 12.40 kg.
- ACOUSTIC FABRIC PANELS **500x500x50mm** – 10 pcs. per box; Box dimensions: **550 x 550 x 550 mm**; Weight per box 7.00 kg.
- ACOUSTIC FABRIC PANELS **1000x500x50mm** – 10 pcs. per box; Box dimensions: **1050 x 550 x 550 mm**; Weight per box 12.00 kg.

*Storage in a dry and cool place.*