

Feutre Eco-Lux



Colored felt adds a warm and vibrant touch to all kinds of creative projects. Its soft texture and flexible drape create a warm, visually uniform surface, ideal for covering walls and ceilings.

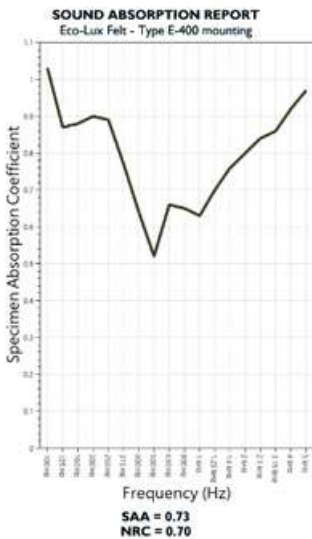
CHARACTERISTICS

Size	On request
Thickness	3.5 mm (0.1378 in)
Mass per unit area	0.5 kg/m ² (0.102 lbs/ft ²)
Acoustic material	Felt made from 100% post-consumer recycled polyester
Fire resistance	ASTM E-84 - Class A Class 1 Flame spread index (FSI) = 0-25 Smoke developed index (SDI) = 450 max SFA

ACOUSTIC PERFORMANCE

1/3 Octave Center Frequency (Hz)	Total Absorption (m ²)	Total Absorption (Sabins)	Absorption Coefficient
100	6.89	74.19	1.03
** 125	5.83	62.74	0.87
160	5.87	63.21	0.88
200	6.03	64.87	0.90
** 250	5.93	63.84	0.89
315	5.18	55.75	0.77
400	4.30	46.30	0.64
** 500	3.48	37.47	0.52
630	4.41	47.43	0.66
800	4.37	46.99	0.65
** 1000	4.21	45.31	0.63
1250	4.70	50.58	0.70
1600	5.06	54.46	0.76
** 2000	5.34	57.52	0.80
2500	5.59	60.17	0.84
3150	5.72	61.60	0.86
** 4000	6.13	65.97	0.92
5000	6.50	69.99	0.97

SAA = 0.73
NRC = 0.70



FELT COLORS



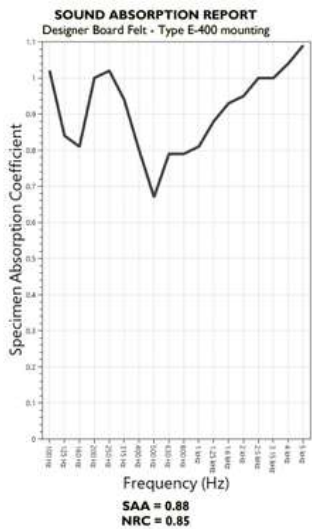
*Please note that the colors shown may differ slightly from the actual colors due to variations in screen display. For more details, please contact Boreart.

Feutre Designer Board

CHARACTERISTICS

Size	On request
Thickness	9.53 mm (0.375 in) 12.7 mm (0.5 in) 25.4 mm (1 in)
Mass per unit area	1.53 kg/m ² (0.31 lbs/ft ²) 2,04 kg/m ² (0,40 lb/ft ²) 4,08 kg/m ² (0,80 lb/ft ²)
Acoustic material	Felt made from 60% post-consumer recycled polyester
Fire resistance	ASTM E-84 - Class A Class 1 Flame Spread Index (FSI) = 0-25 Smoke Development Index (SDI) = 450 max SFA

1/3 Octave Center Frequency (Hz)	Total Absorption (m ²)	Total Absorption (Sabins)	Absorption Coefficient
100	6.85	73.75	1.02
** 125	5.59	60.21	0.84
160	5.41	58.27	0.81
200	6.71	72.24	1.00
** 250	6.84	73.58	1.02
315	6.28	67.61	0.94
400	5.35	57.61	0.80
** 500	4.46	48.00	0.67
630	5.31	57.17	0.79
800	5.30	57.09	0.79
** 1000	5.40	58.12	0.81
1250	5.92	63.68	0.88
1600	6.23	67.02	0.93
** 2000	6.33	68.13	0.95
2500	6.70	72.10	1.00
3150	6.71	72.23	1.00
** 4000	6.95	74.82	1.04
5000	7.28	78.36	1.09
SAA = 0.88 NRC = 0.85			



Black

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For thicknesses of 9.5 mm, 12.7 mm, and 25.4 mm, a finishing option is available to expand the color selection. This option involves using black felt as a base layer and then bonding a 3.5 mm layer of felt in one of the 33 available colors to it.

