

Eco-Lux Felt

Colored felt adds a warm and dynamic touch to all kinds of creative projects. Its soft texture and flexible hold create a warm and aesthetically uniform surface, ideal for decorating 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)

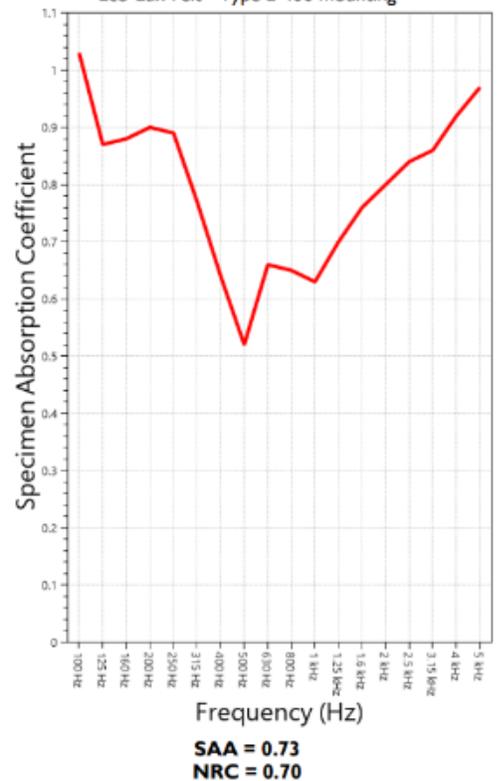
Acoustic material	Felt made from 100% post-consumer recycled polyester
Fire resistance	ASTM E-84 - Class A Class 1 Flame spread index (FSI) = 0-25 Smoke developed index (SDI) = 450 max SFA

ACOUSTIC RESULTS

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

SOUND ABSORPTION REPORT
Eco-Lux Felt - Type E-400 mounting



COLORS



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

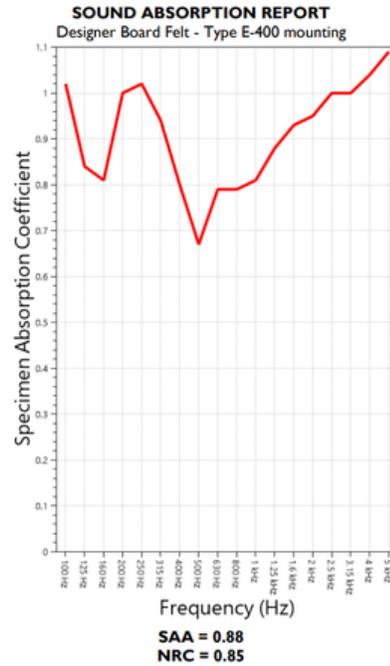
Designer Board Felt

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 developed 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 choice of colors. This option consists of using black felt as a base, then gluing a layer of 3.5 mm felt in one of the 33 colors available.