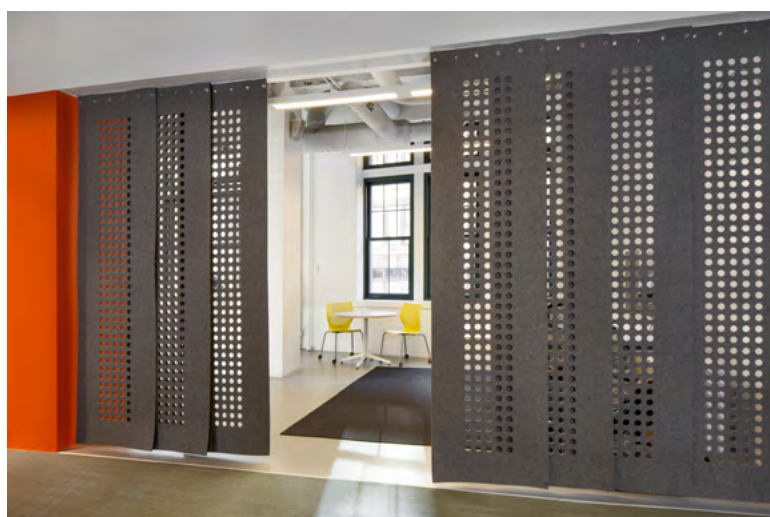
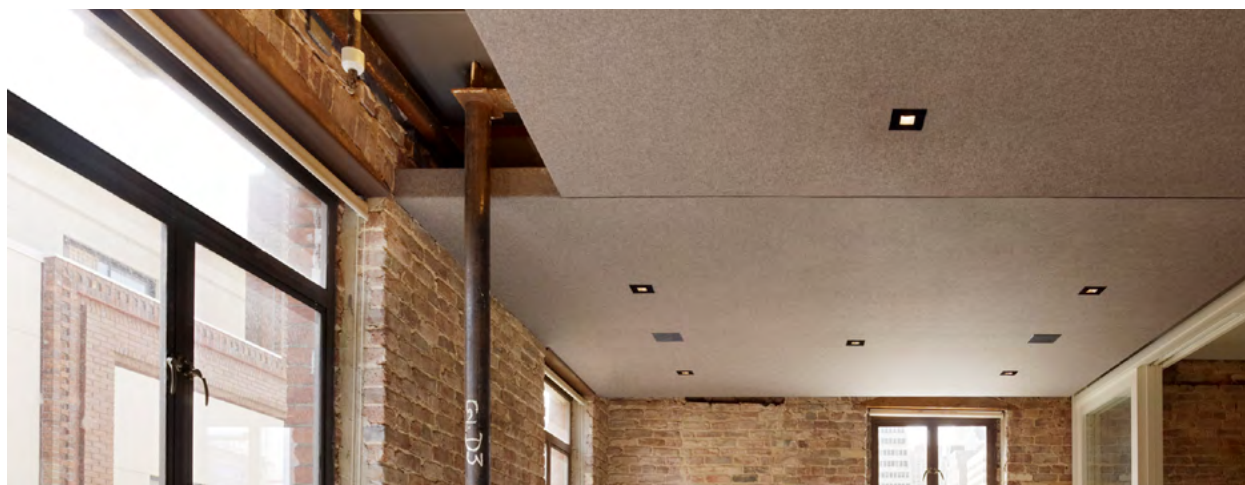




**8mm Wool Design Felt**

# About



Need an even thicker felt for applications such as seat pads, hanging panels or wall coverings? FilzFelt offers 8mm Design Felt exclusively in 200 Natur which is undyed and 100% natural wool. Please visit [filzfelt.com/about](http://filzfelt.com/about) for more information on the manufacturing process and unique characteristics of 100% Wool Design Felt.

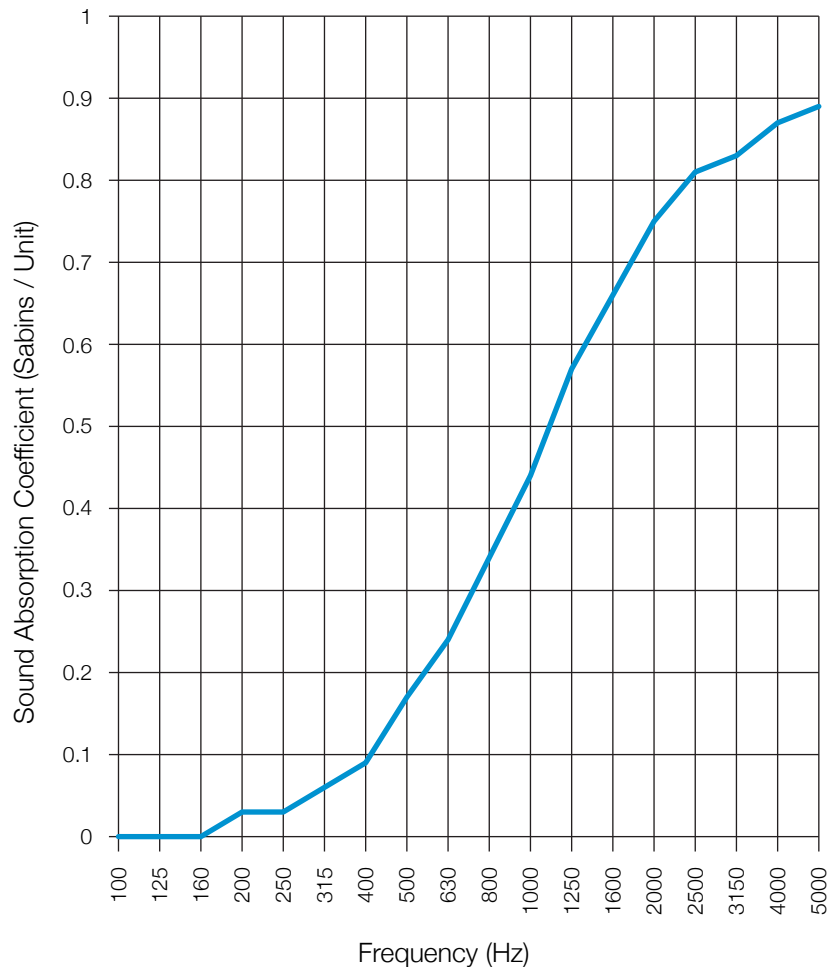
# Specifications

<b>Name</b>	8mm Wool Design Felt
<b>Content</b>	100% Merino Wool
<b>Country of Origin</b>	Germany
<b>Thickness</b>	8 mm (5/16 in)
<b>Thickness Tolerance</b>	±0.5 mm (±1/5 in)
<b>Width</b>	160 cm (63 in)
<b>Width Tolerance</b>	±4 cm (±1 3/5 in)
<b>Weight</b>	2240 g / m <sup>2</sup> (128 oz / lin yd)
<b>Average Bolt Length</b>	15–17 lin m (17–19 lin yd)
<b>Backing</b>	None
<b>Primary Uses</b>	Architectural Products Hanging Panels Seat Pads Wallcovering
<b>Durability</b>	Light contract or residential (depending on application)
<b>Maintenance</b>	Vacuum occasionally to remove general air-borne debris. Should soiling occur, spot clean with mild soap and lukewarm water. Avoid aggressive rubbing as this can continue the felting process and change the surface appearance of the felt. Refer to 100% Wool Design Felt Maintenance + Cleaning for detailed care instructions.
<b>Environmental</b>	100% biodegradable, contains no formaldehyde, 100% VOC free, no chemical irritants, free of harmful substances Contributes to LEED® v4
<b>Custom</b>	Custom colors and custom fabrication including cutting, lamination, stitching, embroidery and installation services available
<b>Variation</b>	Wool felt is a natural material and color variation and inclusions of natural fiber on the surface are evidence of the 100% natural origin of the material. Product color is only indicative, as it is not possible to assure consistency of color in a natural Product due to the natural color of raw wool and absorption of dyes. Color matching cannot be guaranteed on shipments and variation will be more pronounced beyond the normal commercial range.
<b>Acoustics</b>	ASTM C 423: NRC – 0.35, SAA – 0.35
<b>Colorfastness to Light</b>	Class 4 (60 hours)
<b>Colorfastness to Crocking</b>	Class 4.5 (wet), Class 4 (dry)
<b>Environmental</b>	Oeko-Tex Standard 100 Certified Product Class II
<b>Flammability</b>	FAR 25.853(a): Pass (60 second vertical burn), Pass (12 second vertical burn)
<b>Standard Color</b>	



## Sound Absorption Results

Frequency (Hz)	Sound Absorption Coefficient (Sabins / Unit)
100	0.00
125	0.00
160	0.00
200	0.03
250	0.03
315	0.06
400	0.09
500	0.17
630	0.24
800	0.34
1000	0.44
1250	0.57
1600	0.66
2000	0.75
2500	0.81
3150	0.83
4000	0.87
5000	0.89



SAA = 0.35  
NRC = 0.35

### 8mm Wool Design Felt Test Report

For 8mm Wool Design Felt, the test report quotes the frequency dependent sound absorption data as well as the single number ratings. Data taken from Test Report NGC 4015043 conducted by NGC Testing Services. Complete test results are available upon request.