

# Thermafleece NatraHemp

## Technical Data Sheet



Thermal	
Thermal Conductivity	0.042 Wm <sup>-1</sup> K <sup>-1</sup>
Density	28 kg/m <sup>3</sup>
Specific Heat Capacity	1800 Jkg <sup>-1</sup> K <sup>-1</sup>
Vapour Resistivity	9 MNsg <sup>-1</sup> m <sup>-1</sup>

Fire	
BS 5803-4, Flammability & Smoulder Resistance	Pass

Physical	
Recoverability and thickness, EN 823	Pass
Dimensional stability to EN 1604	Pass

Hygrothermal	
Water Absorption (@100% RH)	17% w/w

Environmental	
Recycled Content	37.5%
Recyclable	Yes
Manufactured to ISO 14001	Certificate No: 23/3478

Acoustic							
Can be used to achieve airborne sound reduction of R <sub>w</sub>		41dB					
Freq HZ		125	250	500	1000	2000	4000
NatraHemp 70mm	Absorption Coefficient	0.25	0.6	0.8	0.9	0.95	1
NatraHemp 100mm		0.4	0.8	0.95	0.95	1	1

Quality	
Manufactured to ISO 9001	Certificate No: 23/3477

Dimensions	
Thicknesses (+20mm/-0mm)	50,70,100 mm
Widths (+20mm/-10mm)	370 & 570 mm
Slab Length(+25mm/-25mm)	1200 mm, all sizes