

Specification & Maintenance: Wool Felt

A tactile and sustainable wall or panel covering comprising a top layer of 100% Merino or Karakul wool which is mechanically ribbed and bonded to a jute backing layer.

Composition:

Top Layer: 100% Merino or Karakul Wool mechanically felted without binding agents in 3mm thickness.

Base Layer: Natural woven jute textile provides a stable backing in 1mm thickness.

Adhesive: Natural latex adhesive holds the ribbed structure in place.

Performance:

Colourfastness to light: Class 4-5.

Colourfastness to crocking: Class 3-4 (Wet), Class 4-5 (dry).

Durability (Martindale Abrasion Test Method): 5,000 = Grade 4; 20,000 = Grade 3.5; 40,000 = Grade 3.

Fabrics will show shade differences between production batches, and this effect is greater for recycled materials.

Light reflectance values:

Material: wool felt	LRV values (calculated)	Material: wool felt	LRV values (calculated)	Material: wool felt	LRV values (calculated)
001 White	86	844 Moss	6	902 Bordeaux	4
011 Raw White	65.40	317 Kiwi	32	734 Aubergine	2.50
051 Mixed White	55.30	483 Pastel Green	27.10	962 Violet	4
071 Mixed Light	34	773 Pea Green	26	552 Lilac	7
324 Light Grey	24	073 Lime	27	562 Lavender	6
524 Dove Grey	12	237 Fern	11	242 Pink	6.60
571 Mixed Dark	10	873 Olive	10	342 Mallow	10
003 Anthracite	4	343 Dark Green	4	132 Rosa	17
624 Black	3	302 Vanilla	44.30	305 Magnolia	11
052 Truffle Brown	3.10	131 Honey	44	435 Rose	15
794 Dark Brown	4	421 Yellow	45	845 Turquoise	22
913 Coffee	8.50	047 Saffron	40	213 Lagoon	18
022 Fawn Brown	6	472 Mustard	28	555 Cader	8.30
114 Alpaca	6.60	371 Mango	13.40	803 Petrol	8
091 Mixed Nature	13.30	081 Terracotta	10	626 Azur	4
264 Cashmere	18	151 Light Orange	15	272 Royal Blue	7
583 Mud	9	611 Orange	18	282 Dark Blue	2.30
927 Dune	28.80	501 Rust	11	335 Indigo	4
764 Sand	35	971 Light Red	10.60	686 Gentian	10
133 Sahara	29	521 Tomato	9	482 Sky	31.10
804 Taupe	21	102 Red	5.30	316 Glacier	30
514 Reed	24	201 Cherry	4.50		

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Sustainability:

BUXKIN wool felt is 100% biodegradable, contains no formaldehyde and is free from VOC's. Can contribute to BREEAM & LEED credits.

Wool felt is produced to the OEKO-TEX Standard 100, Certified Product Class II.

Acoustic properties:

Without backing the ribbed felt achieves an NRC in the region of 30%, increasing to up to 90% with 30mm of additional backing.

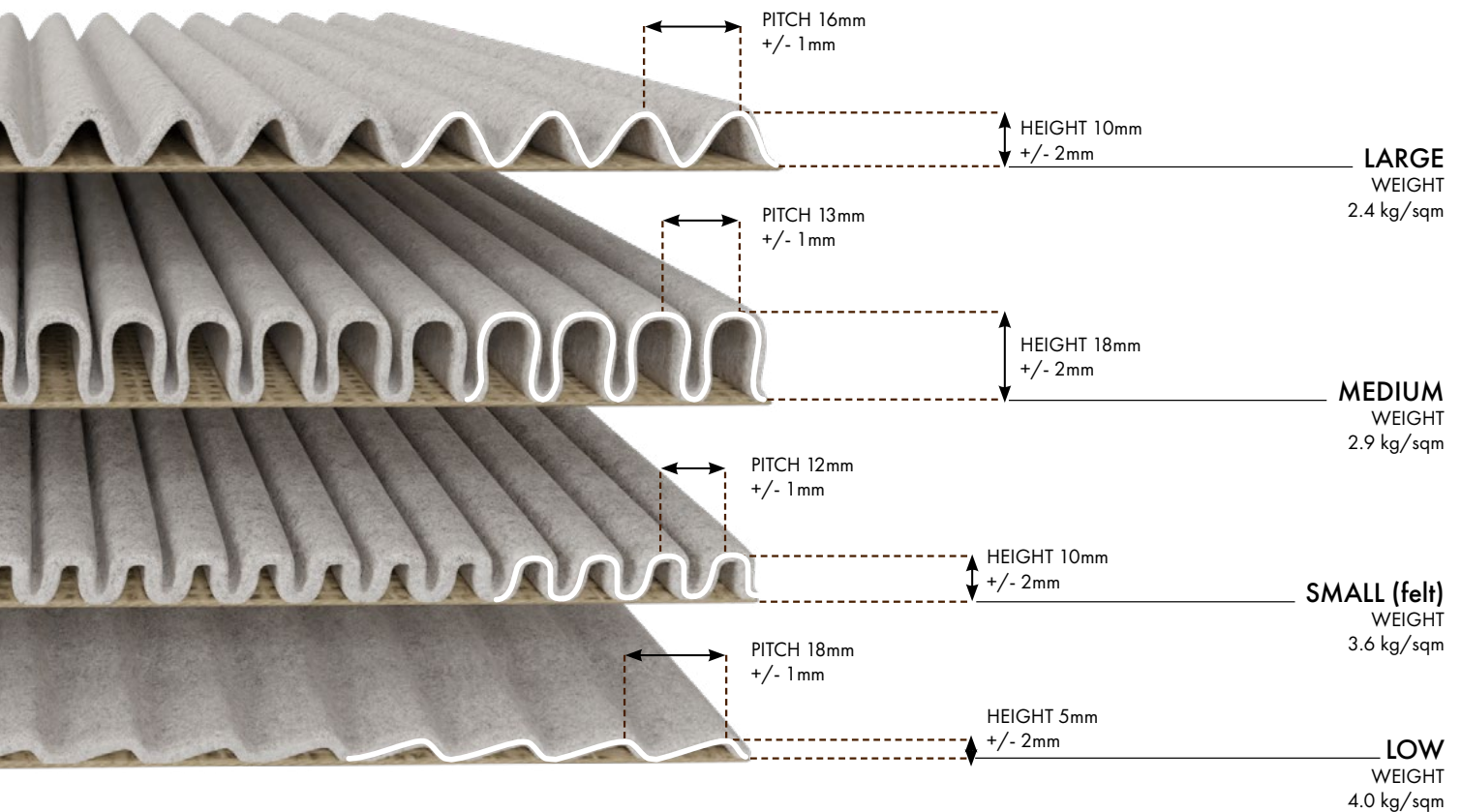
Fire Rating:

For applications requiring compliance to Class 1 (BS 476: Part 7) or Class 0 (BS 476: Part 6) the material can be treated with Durafam® flame retardant by our specialist partners who's inhouse testing indicates compliance with the above standards.

After Care & Maintenance:

Wool felt is highly resistant to staining and marks. Vacuum occasionally with a brush fitting to remove air-borne debris. Should soiling occur, spot clean with mild soap and warm water. Avoid aggressive rubbing as this can change the surface appearance.

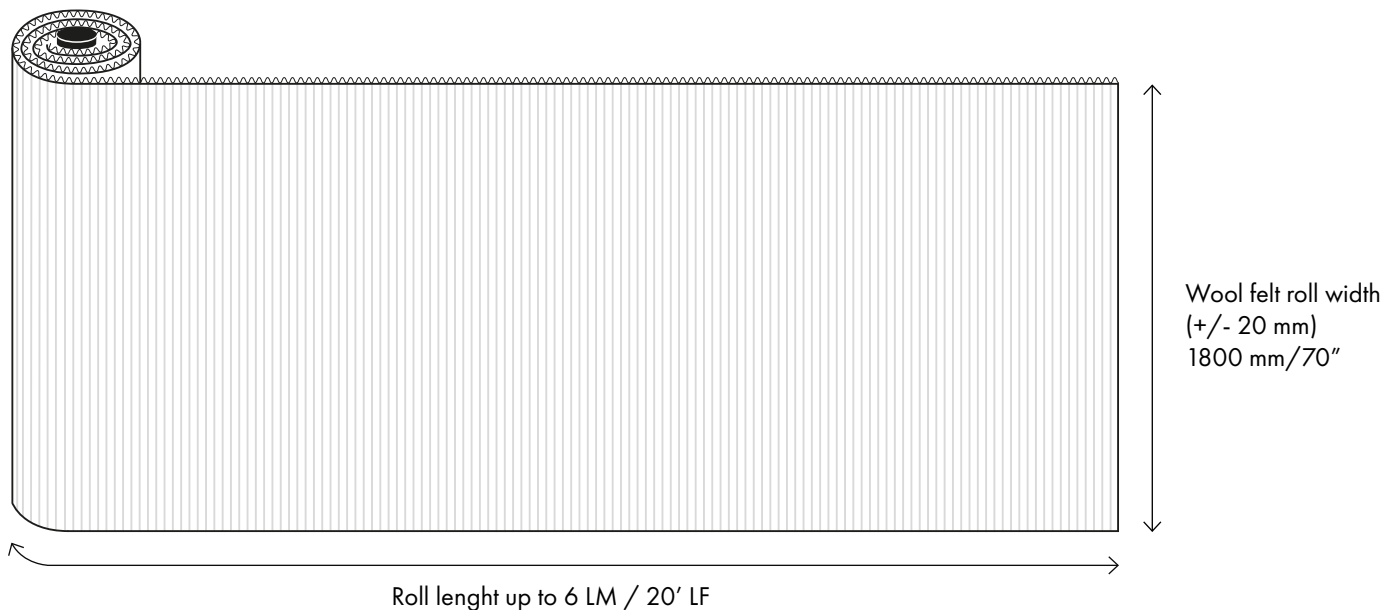
Technical specification:



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Technical specification:



The roll length is to the customer's requirements, with a maximum roll length of approximately 6 linear meters.
Ribs run vertically along the roll.

At the end of life, the felt can be pulled away from the backing. The jute backing is biodegradable, and the felt can be recycled and felted again.

For installation considerations please see our [Installation Guide at Buxkin.com/downloads](https://www.buxkin.com/downloads). Documents available at info@buxkin.com.

Country of origin: The Netherlands. Materials are sourced within the EU.

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