

# 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.

**All production is made to order with lead-times up to 10 weeks.  
Minimum Order Quantity is 6 linear meters/ 19'6" linear foot (1800 mm/5'-9" roll width).**

**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 1 mm 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, 40,0000 = Grade 3

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

**Light reflectance values:**

Material: synthetic felt	LRV values (calculated)	Material: synthetic felt	LRV values (calculated)	Material: synthetic 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 Gention	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.

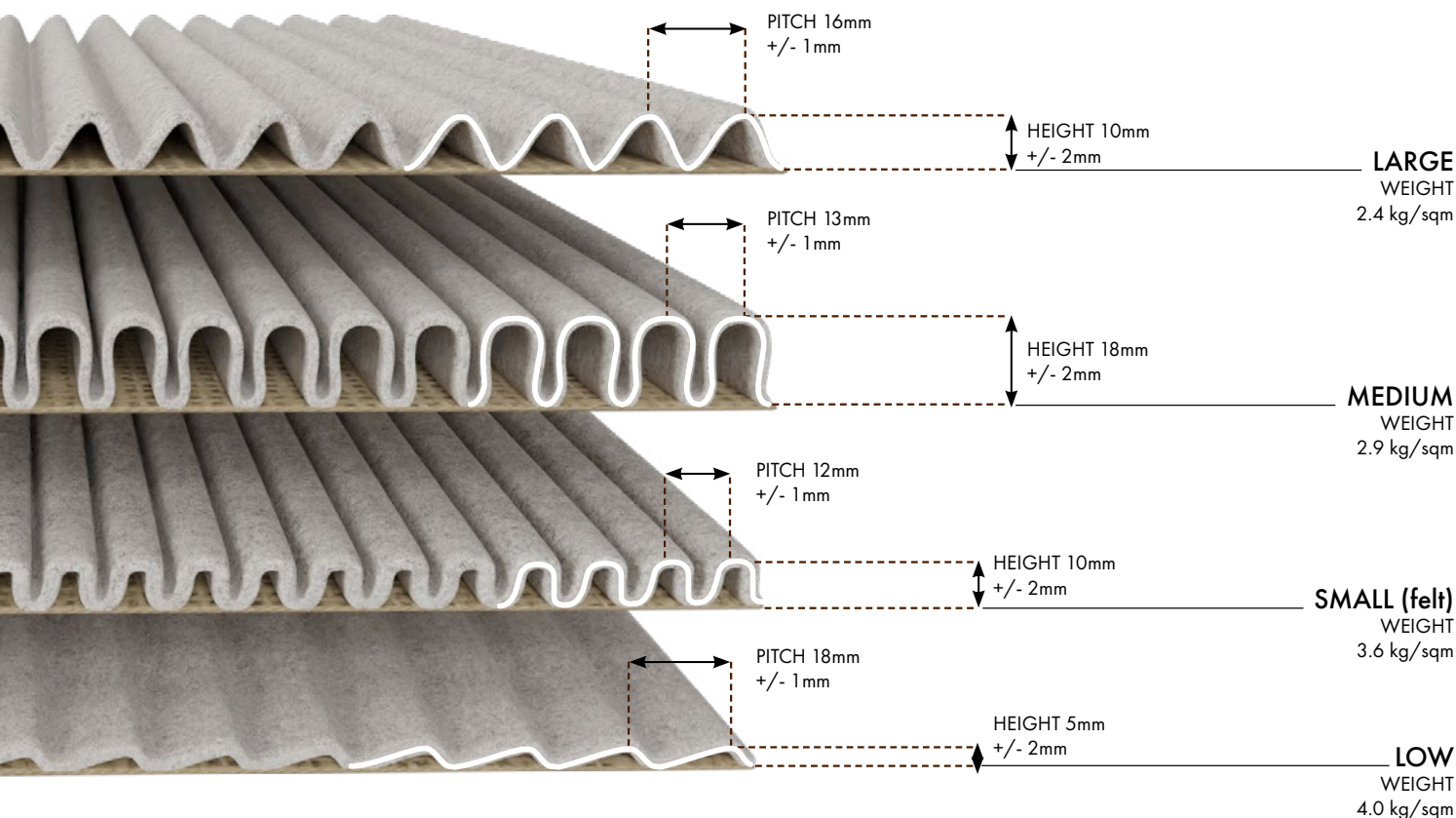
## Fire Rating:

For applications requiring compliance to Class 1 (BS 476: Part 7) or Class 0 (BS 476: Part 6) the material can be treated with Duraflam® 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.

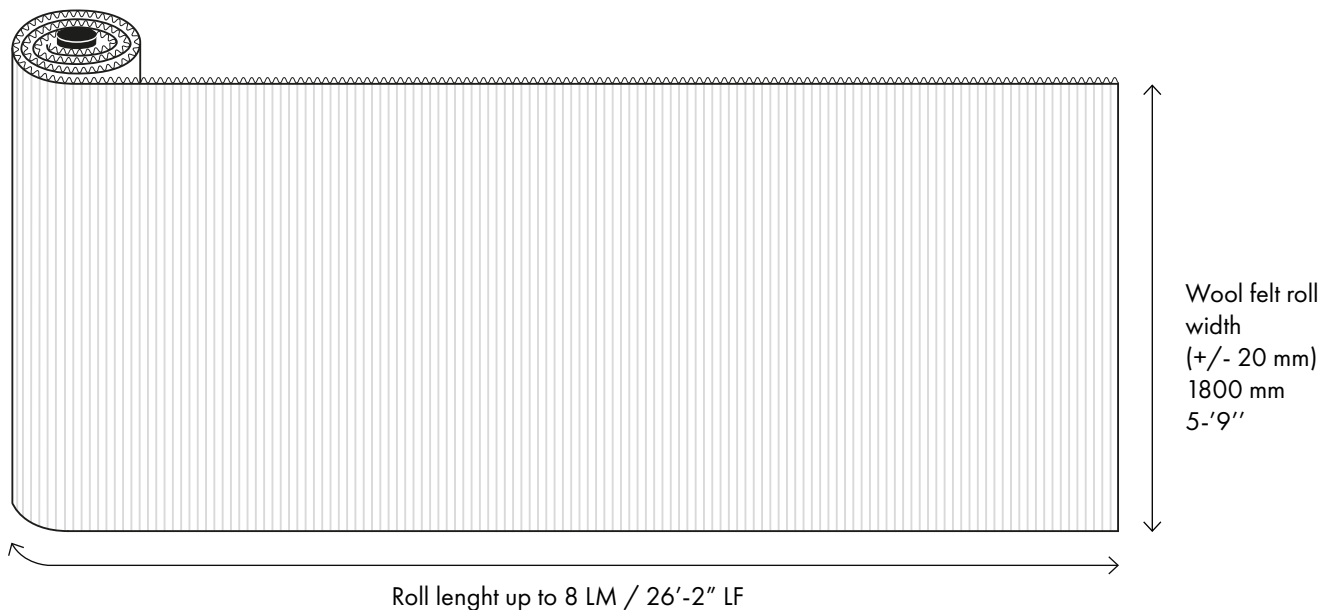
## Technical specification:



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

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The roll length is to the customer's requirements, with a maximum roll length of approximately 8 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](#). Documents available at [info@buxkin.com](mailto:info@buxkin.com).

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