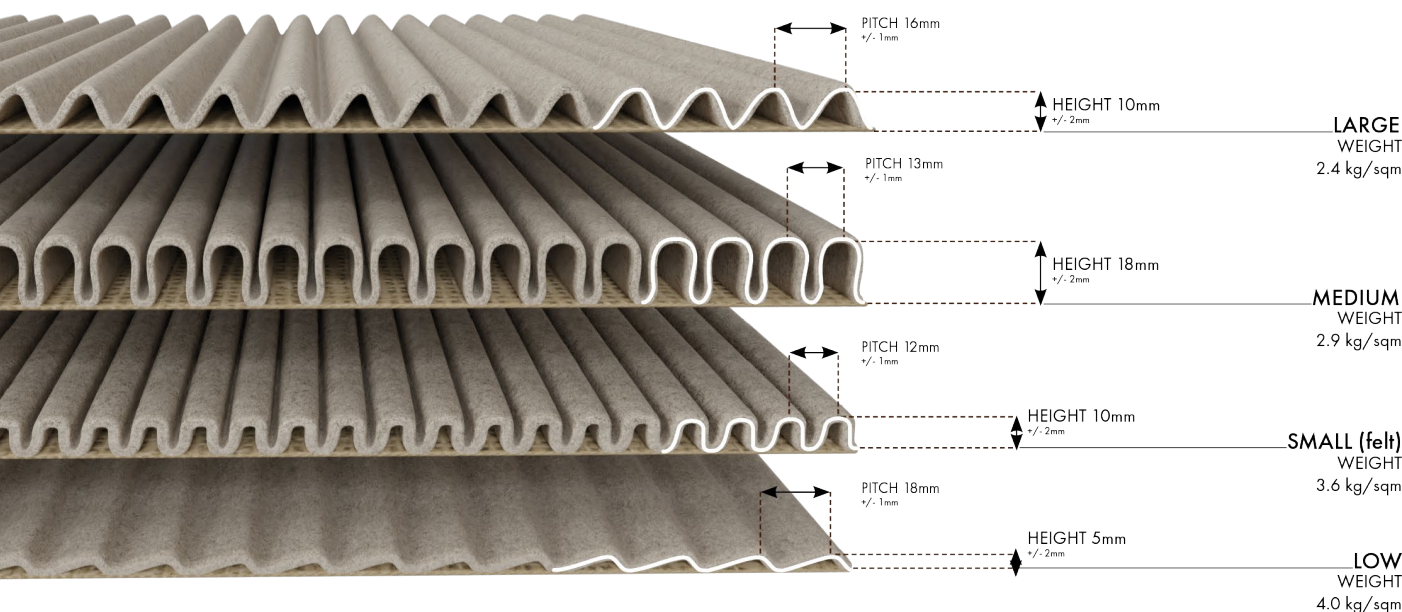


## Specification & Maintenance: Pure Wool Felt

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. The roll width is 1.8m (+/- 2cm) and the roll length is to the customer's requirements, with a maximum roll length of approximately 8 linear meters.



### 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

Shade differences may occur between production batches.

### 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.

At the end of its life wool felt can be recycled as textile and re-felted.

### 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<sup>®</sup> flame retardant by our specialist partners who's inhouse testing indicates compliance with the above standards.

### Installation Considerations

BUXKIN rolls must be stored and installed in a stable interior environment (relative humidity between 40% and 60% and temperature 18 - 26°C). All rolls should be allowed to rest and acclimatise, unwrapped, at the installation location for 48 hours prior to installation.

In order to align ribs between different panels it may be necessary to add relief cuts (along the length of a rib) to allow the material to stretch and compress to ensure accurate alignment. The same method is used to stretch the material if needed to fill a space that does not align with the dimension on a whole rib.

Bond panels to substrate using clear silicon and 18-gauge furniture pins. This allows time to check alignments before the adhesive sets. Contact adhesives also bond well but provide less working time and are harder to clean.

### 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.

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.

**Country of Origin:** The Netherlands