

Specification & Maintenance: Recycled Wool Felt

A tactile and sustainable wall or panel covering comprising a top layer of 50% recycled post-consumer wool, 20% pure wool and 30% polyester which is mechanically ribbed and bonded to a jute backing layer.

Composition:

Top Layer: 50% recycled post-consumer wool, 20% pure wool and 30% polyester 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:

Durability (mechanical test, test method ISO 12945-2: ISO 12945-4: 2020): pilling grade: 2-4/5; fuzzing grade: 4; mattin grade: 4/5.

Abrasion (test method ISO 12947-2: 2016; ISO 12947-1:1998+COR1:2002): 56000.

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)
B952 Fleece	50	B336 Peacock	24
B253 Barley	38	B089 Sage Green	28
B352 Oak Brown	28	B937 Seaweed Green	13
B552 Chestnut Brown	10	B022 Forest Green	5
B903 Ash Grey	32	B985 Peach	40
B901 Shadow Grey	13	B971 Burnt Orange	19
B925 Ink Black	3	B105 Cayenne	15
B301 Ice Blue	29	B192 Merlot	11
B512 Slate Blue	20	B272 Salmon	18
B993 Denim	6	B988 Peony	14
B905 Blue Steel	8	B528 Iris	9
B902 Black Blue	3	B508 Sloe	7

Sustainability:

BUXKIN recycled wool felt contributes to Global Recycled Standard (GRS 4.0:2017) and PRSL 4 Sustainability® - 2023 TEXTILE.

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.

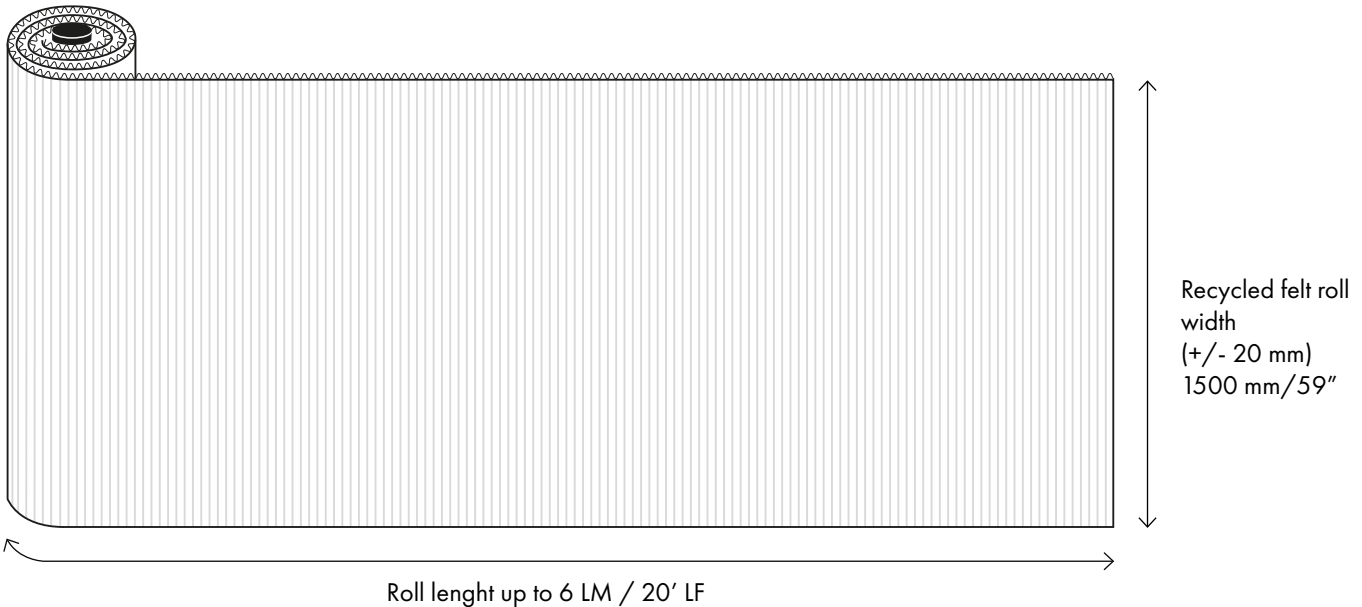
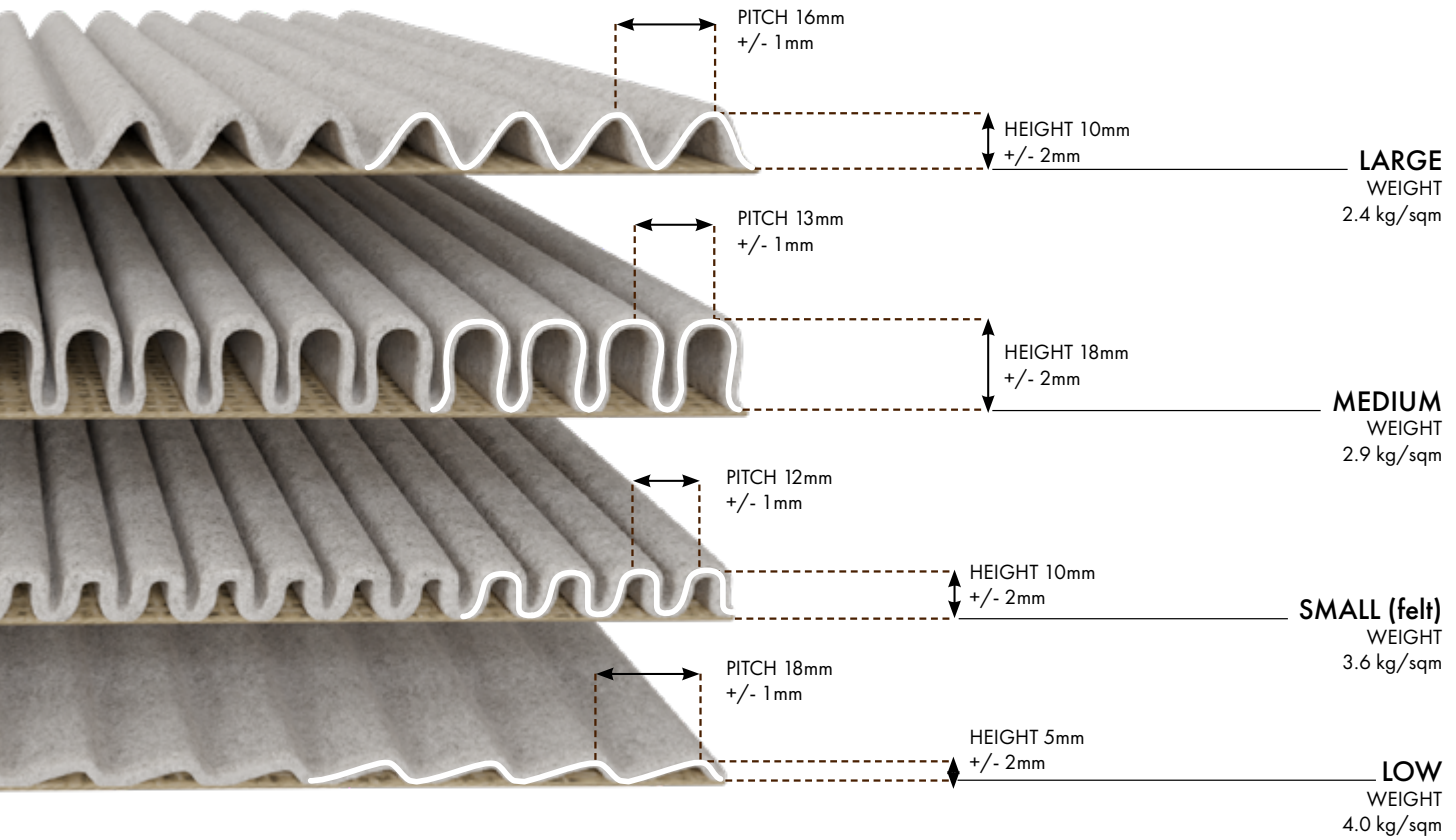
After Care & Maintenance:

Recycled felt is 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.

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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](#). Documents available at info@buxkin.com.