

Specification & Maintenance:

Recycled Wool Felt

BUXKIN®

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 spunbond FR fabric.

Composition:

Top Layer: 50% recycled post-consumer wool, 20% pure wool and 30% polyester mechanically felted without binding agents in 3mm thickness.

Base Layer: Spunbond FR fabric backing in 1 mm 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: recycled wool felt	LRV values (calculated)	Material: recycled 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:

The native product is not fire rated, but can be treated with Duraflam® flame retardant by our specialist partners. Sample treatment certificates available on request.

After Care & Maintenance:

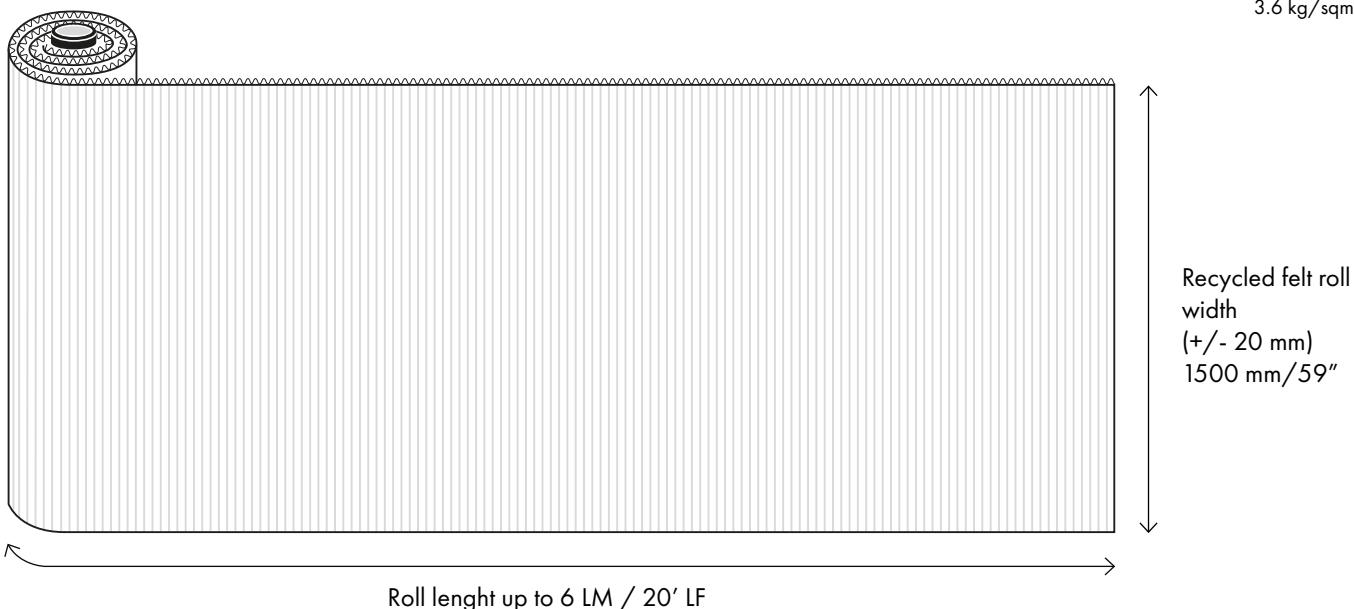
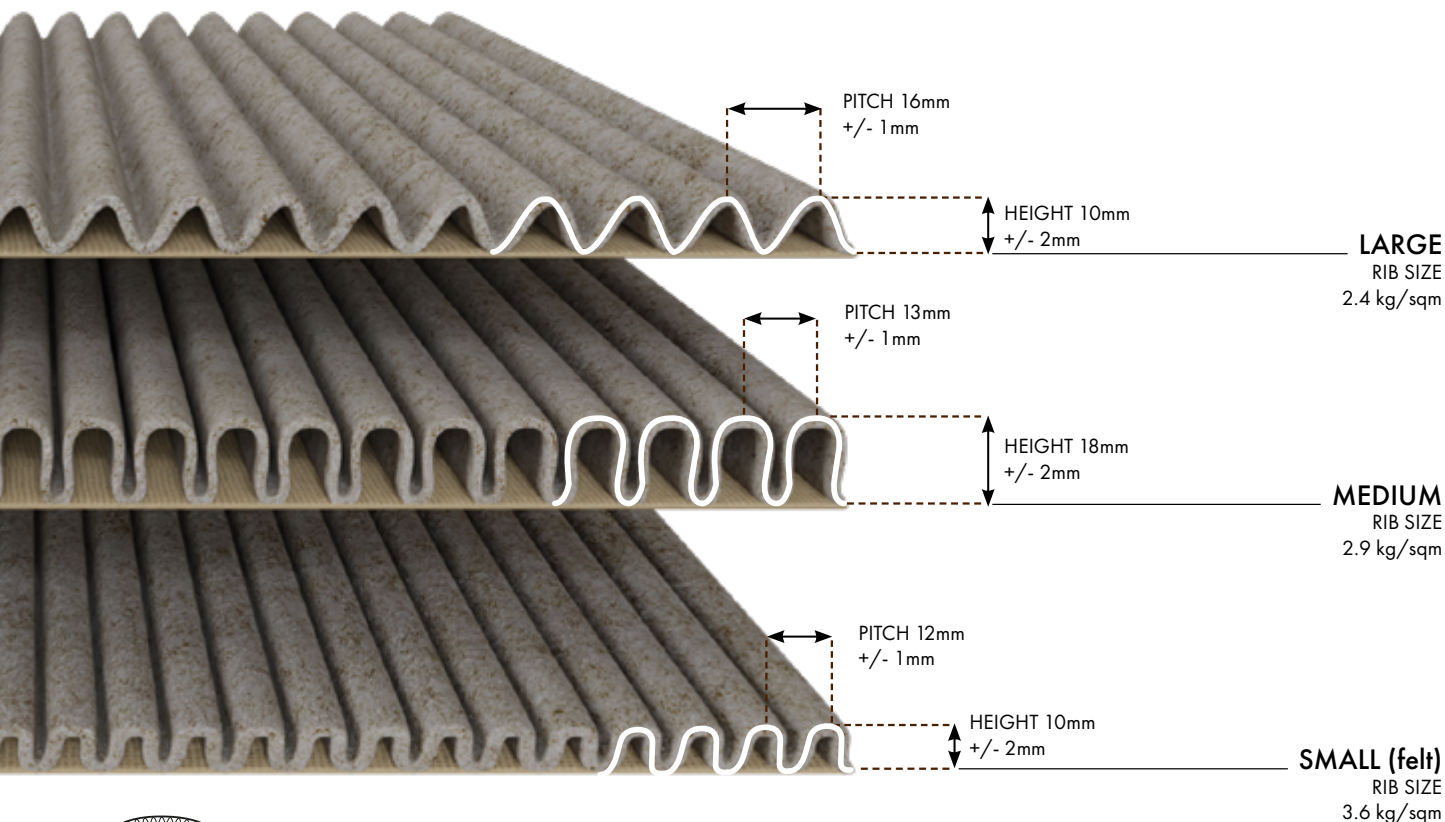
Recycled felt is resistant to staining and marks. Vacuum occasionally with a brush fitting to remove air-borne debris. Should soiling occur, spot clean with mild soap and warm water. Avoid aggressive rubbing as this can change the surface appearance.

Revision date: 24/04/2025

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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 its life, the felt can be pulled away from the backing. The spunbond fabric is recyclable, and the felt can also be recycled and felted again.

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

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

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