

Specification & Maintenance: Synthetic Felt

A tactile and sustainable wall or panel covering comprising a top layer of recycled polyester felt which is mechanically ribbed and bonded to a jute backing layer.

Composition:

Top layer: 100% polyester in 3 mm 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.

Colourfastness: Class 6-7.

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)
104U Cotton	91	904U Macadamia	29.50	834U Ruby	7.30
104M Quartz	56.40	804M Oatmeal	67.40	834M Mad Red	5.70
004M Mist	56	644U Peridot	28	624U Lava	15
494U Pewter	23.30	644M Bamboo	27	624M Amber	12.70
494M Steel	22	654U Navy	2	324M Lemon	38.50
694M Charcoal	12.50	054U Periwinkle	32.30	424U Marigold	46
994U Noir	3	054M Blue Jay	30	424M Dijon	19.30
874U Cold Brew	10.20	234U Sakura	13.70		
904M Sparrow	15.30	234M Orchid	11.50		

Sustainability:

BUXKIN synthetic felt contains no formaldehyde and is free from VOC's. Can contribute to BREEAM & LEED credits and is produced to the OEKO-TEX® Standard 100, Certified Product Class II.

Acoustic properties:

The sound absorption of this material is likely class C or D without any backing. For a Class A absorbent installation please specify with an additional 30mm of acoustic backing.

Fire Rating:

The flat synthetic felt is fire rated at Euroclass B1, but the composite ribbed material is untested (as of Dec 2021). For those applications that require it, the material can be treated with Duraflam® flame retardant by our specialist partners and a treatment certificate supplied for each application.

After Care & Maintenance:

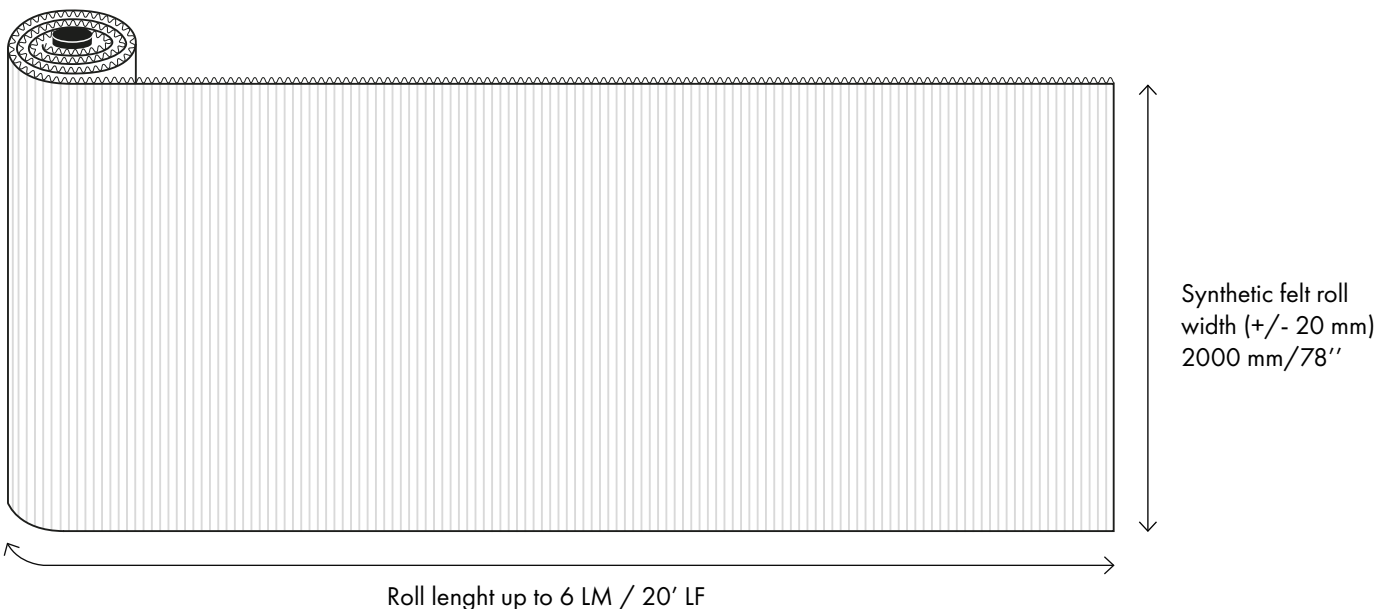
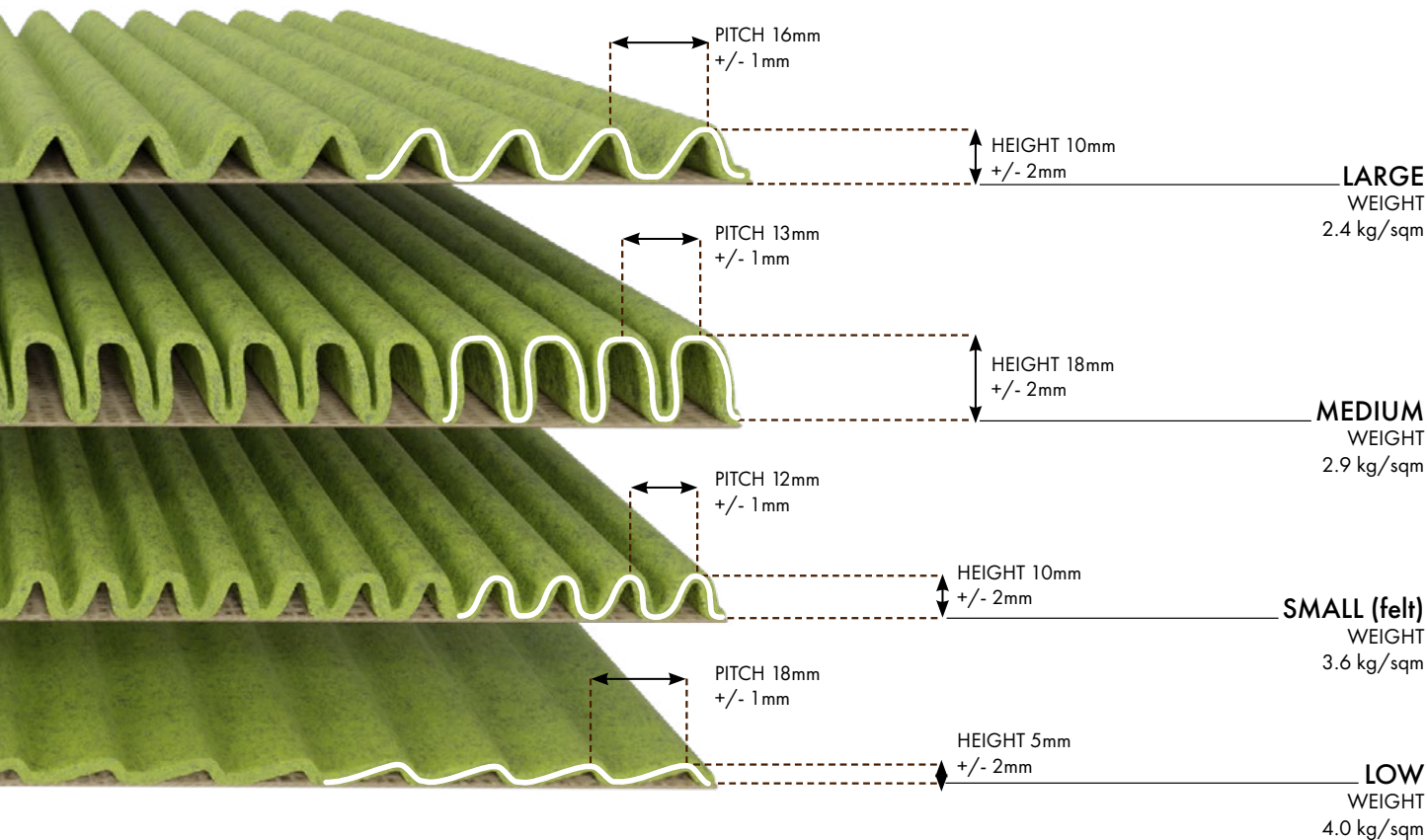
Synthetic felt is highly resistant to staining and marks. Vacuum occasionally with a brush fitting to remove air-borne debris. Should soiling occur, spot clean with mild soap and warm water. Avoid aggressive rubbing as this can change the surface appearance.

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.

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

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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.