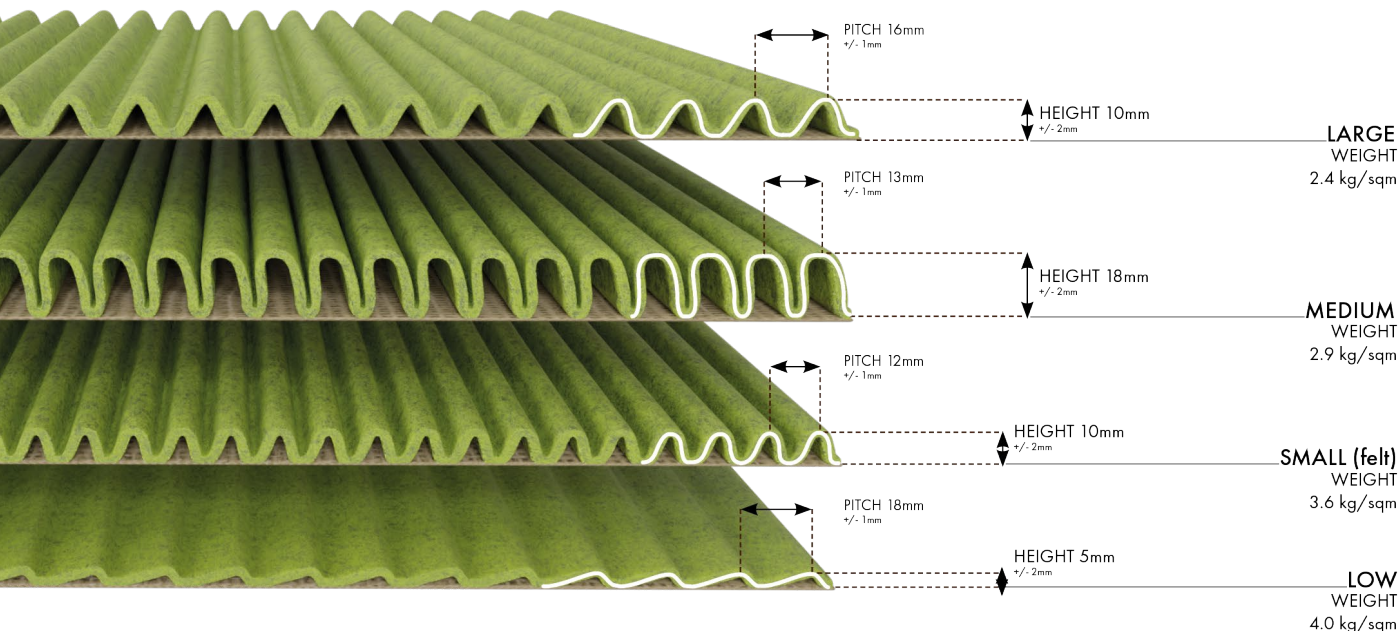


## Specification & Maintenance: Synthetic felt

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. All production is made to order with lead-times up to 10 weeks. The roll width is 2m (+/- 2cms) and the roll length is to the customer's requirements, with a maximum roll length of approximately 8 linear meters.



### Composition

Top Layer: 100% polyester.  
Base Layer: Natural woven jute textile provides a stable backing.  
Adhesive: Natural latex adhesive holds the ribbed structure in place.  
Colourfastness to light: Class 6-7.

**Shade differences may occur between production batches due to the recycled nature of the material.**

### Sustainability

**RIBBED** original recycled felt contains no formaldehyde and is free from VOC's. Can contribute to BREEAM & LEED credits.

Synthetic 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

The sound absorption of this material is likely class C or D without any backing. For a Class A absorbant 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.

### Installation Considerations

Ribbed-Original 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

Recycled 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 re-felted again.

**Country of Origin:** The Netherlands