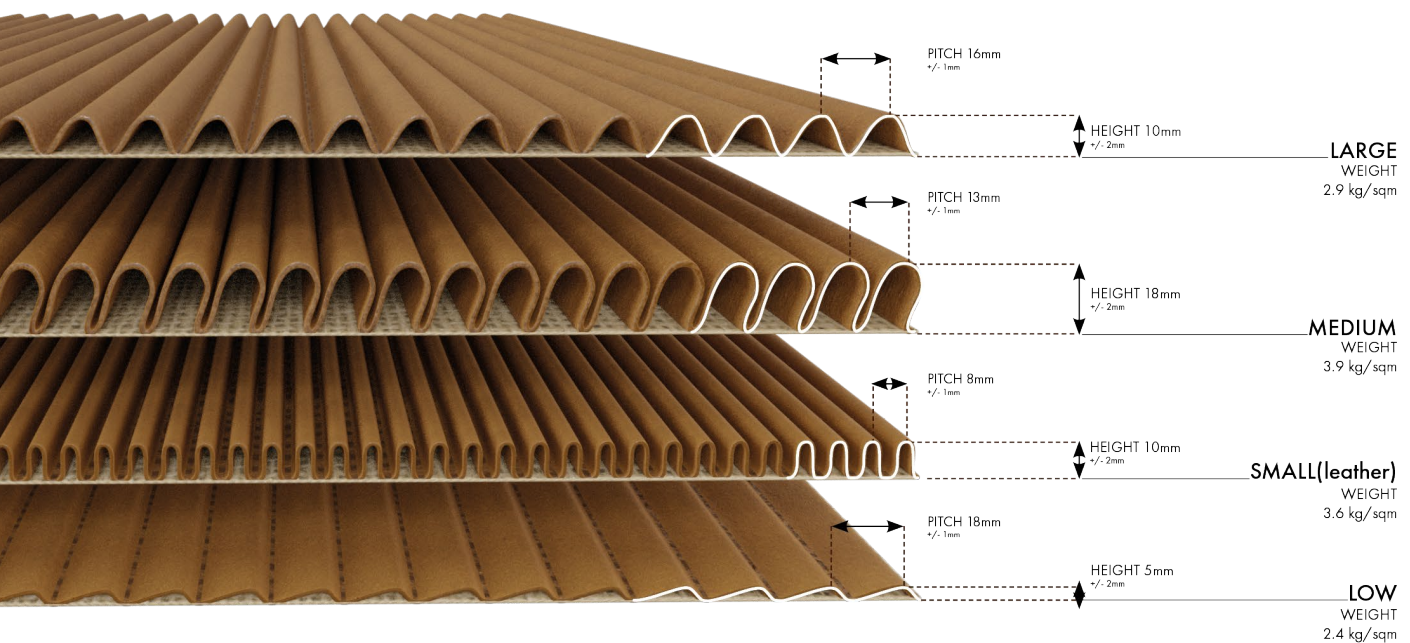


Specification & Maintenance: Recycled Leather

A tactile and sustainable wall or panel covering comprising a top layer of recycled leather 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 1.45m (+/- 2cms) and the roll length is to the customer's requirements, with a maximum roll length of approximately 8 linear meters.



Composition

Top Layer: 60% Recycled leather combined with natural rubber and water in 1.3mm thickness. Produced to the OEKO-TEX leather standard meaning it contains no VOCs or harmful chemicals. The leather can be recycled again at the end of its life.

Base Layer: Natural woven jute textile provides a stable backing in 1mm thickness.

Adhesive: Natural latex adhesive holds the ribbed structure in place.

Colourfastness: EN ISO 105-B02: Class 5-6

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

Sustainability

BUXKIN leather has been tested under the following criteria as part of a BREEAM assessment:

EN 12149 – Test A – Heavy metals in wallcoverings*

EN 12149 – Test B – Vinyl chloride in wall coverings – Below detectable limits

EN 12149 – Test C – Formaldehyde in wall coverings - Below detectable limits

*Chromium measurement falls just outside allowable limits in this test. Chromium is used in various leather dyes and is a variable in the recycled content of this material. A special production is possible with zero Chromium for an MOQ of 500sqm.

Acoustic Properties

Without additional backing the medium rib reaches Class E (25% noise reduction). This may be improved with the addition acoustic foam behind the installation.

For acoustic-led design, please consider our felt-based materials.

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® 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

Uncoated leather is vulnerable to stains and marks. General dust and debris can be removed with a duster or dry cloth. Light marks can be removed through light sanding with 240 grit or higher sandpaper.

Clear coated leather is water resistant and resists marking. Dry dust and debris should be removed with a duster or dry cloth. A damp cloth with soap can be used on heavier marks but care must be taken not to wet any cut ends as this may stain behind the coating.

At the end of life, the leather can be pulled away from the backing. The jute backing is biodegradable, and the leather can be recycled as leather again.

Country of Origin: The Netherlands