

Material Breakdown

Linoleum, cotton thread & glass.

Linoleum, a material typically used as flooring is comprised of 6 ingredients; linseed oil, pine rosin, cork dust, wood flour, calcium carbonate and natural pigment. The linoleum was sourced from local flooring suppliers in Galway, Ireland. The linoleum used in Groove are what is deemed as 'offcuts' in the furniture industry – too small to be of use to them. Linoleum was chosen due to its environmentally friendly properties and its availability in a wide variety of colours.

Cotton thread. The cotton used in Groove is locally sourced from a provider of threads in the west of Ireland. I choose to use cotton for four reasons; due to its strength, it being made local, it being a biodegradable material and aesthetically I wanted to have a white thread.

Glass. The glass is locally sourced from a family owned glass manufacturer and provider in Galway Ireland. The glass is used is 6mm thick and is toughened. I chose to use glass due to it being a transparent and easily recyclable material.

How Each Product in Groove is Made

Each product in the Groove collection consists of two layers of linoleum placed back-to-back, forming one enclosed loop. The shape is achieved from utilising the flexibility and structural properties inherent in linoleum combined with the tension created from hand sewing the material together, against pieces of toughened glass which sit in rebates cut into the linoleum.

Each product consists of varying sized curved 'grooves', which are cut into the linoleum providing a space for one to display belongings to personalise their living space. The manufacturing process allows flexibility in the size and colour of each product, allowing it to be customisable to a user's individual needs.