

Waterborn

The sustainable alternative
to leather and suede



kvadrat



Waterborn

85% polyester, 15% polyurethane

39 colours

Width: 140 cm

Design: Aggebo & Henriksen

Waterborn

Waterborn is a groundbreaking sustainable microfibre textile designed by Aggebo & Henriksen, which makes much less of an impact on the environment than conventionally produced microfibre fabrics. It is made from pure microfibrils and has no woven core, which makes it very soft and easy to work with. It also performs exceptionally well with regard to embossing and ability to mould to furniture.

Unlike conventionally produced microfibre textiles, which rely on solvent to extract polyurethane, Waterborn is made without solvent. The innovative production process recycles warm water in a closed system. This results in 70% less water consumption, and 35% less CO₂ being generated, compared to typical microfibre production methods.

Sporty and luxurious, Waterborn is made from a combination of polyester and polyurethane. The thin fabric has a very short pile, which gives it a precise, smooth and even surface. Thanks to its high polyester count, it can be washed at 60°C.

Waterborn delivers benchmark embossing performance, offering patterns and shapes that stand out as clear and precise. Where a pattern is embossed, the surface is shiny, where not, it is matt and unaffected by the process.

When upholstered, the fabric fits furniture particularly snugly. Additionally, it is very long-lasting: its appearance barely changes over time.

Waterborn is suitable for both the contract market and domestic use. It combines to great effect with other textiles, and can be used as an alternative, with a lower environmental impact, to leather or suede.

Waterborn is available in 39 classic and contemporary colours. These are based on vibrant images taken by the designers, which capture the rhythm, energy and visual traces of major cities. As a result, the versatile palette includes natural tones and bright urban shades. Aggebo & Henriksen explain: 'By probing deeply into the motives of major cities, we have created a series of almost monochromatic surface colours.'

Aggebo & Henriksen

Mathilde Aggebo and Julie Henriksen are one of Denmark's most innovative design teams. They have worked together since meeting at the Danish Design School in 1991.

A recurring theme in their work is the idea of taking the everyday and turning it into something unique to challenge perceptions. In doing so, they often work in great detail and magnify the results again and again.

The designers have worked on many leading interior design projects and exhibitions, including creating stage curtains for the Queens Hall in the Royal Danish Library, designing signage for the Copenhagen Business School, creating the graphic identity for the Tietgetkollegiet in Copenhagen and working on assignments for Bodum, Paustian and FDB.

Key benefits

Reduced environmental impact produced without solvent, using 70% less water and generating 35% less CO₂ than conventional microfibre production.

Very soft and comfortable no woven core, made from very thin fibres, only 0.08DTEX in size.

Easy to maintain washable at 60°C due to high polyester content.

Suitable for wide variety of shapes and interiors thin, flexible and easy to work with.

Alternative to leather good option with regard to appearance and environmental impact.

Long life span very good durability whilst the surface remains looking good for long periods.

Excellent embossing performance patterns are very clear and sharp.

Moulding at high temperature very easy to work with, even at high temperature.

Images can be downloaded at
www.kvadrat.dk/company/press_room/

www.kvadrat.dk