

Ferrite
Cristian Zuzunaga



kvadrat shade



Ferrite

Type: Roller blind textile

Composition: 100% recycled polyester (ocean-bound waste) with aluminium backing

Solar reflection: 66%

Openness factor: 1%

Acoustic performance: 0.55 α_w (Class D)

Colours: 7

Width: 275 cm

Ferrite is our first metallised roller blind textile made from 100% recycled polyester derived entirely from ocean-bound plastic waste. Designed in collaboration with Cristian Zuzunaga, its colour concept is rooted in 'The Making of the Cube', a self-initiated project in which he explored the crystalline geometry of iron pyrite and his long-standing fascination with minerals and metals. As part of this project, Zuzunaga cast cubes in bronze, iron, lead and aluminium, each representing a milestone in human development and illustrating how metals can be melted down, reshaped and given new life.

Ferrite translates these qualities into a refined palette of seven colours for contemporary interiors. Bronze is reimagined through warm, earthy tones that convey richness and patina. Iron inspires deep greys and bluish hues, evoking strength and structure. Lead brings muted neutrals with soft matte expressions, while aluminium is captured in lighter, luminous tones that suggest clarity and modernity.

The essence of metal also comes through in *Ferrite's* performance. The aluminium backing delivers 66% solar reflection, supporting improved thermal comfort and energy efficiency. With an openness factor of 1%, *Ferrite* effectively manages glare (class 4) while providing a high level of daytime privacy and maintaining an outside view. The textile offers the best acoustic performance in the Kvadrat Shade range, enhancing acoustic comfort in interior spaces.

The focus on transformation extends to *Ferrite's* material composition. The textile is made from recycled polyester derived from ocean-bound plastic waste, sourced through #tide's established supply chain and processed into new fibres.

By uniting material-inspired colour with advanced functionality and innovation, *Ferrite* brings Zuzunaga's exploration of transformation into the architectural realm.

Ocean-bound recycled polyester

Ocean-bound polyester used in *Ferrite* is sourced through #tide, a Swiss-based company that operates certified collection and processing systems for ocean-bound plastic waste. Ocean-bound plastic is defined as plastic waste at high risk of entering the marine environment. For *Ferrite*, the material is collected within 10 kilometres of coastlines through #tide's established supply chain.

Once collected, the plastic waste is sorted and mechanically processed into chips before being extruded into filaments and spun into polyester yarn. Because much of this material is collected before significant degradation occurs, the resulting recycled polyester maintains a consistent high fibre quality.

The yarn delivers performance comparable to virgin polyester, and the polyester component is recyclable where suitable facilities exist. As is typical for recycled content, colour variations may occur between consignments, particularly in lighter colours and undyed yarns.

Cristian Zuzunaga

Cristian Zuzunaga creates innovative work that sits between art, fashion, and design. By examining the symbiotic relationship between analogue and digital technologies, his practice aims to make sense of our place in the world today. He has become best known for his use of pixels, which he describes as “the icon of our time”, to create colourful visual landscapes.

Zuzunaga studied Typography and Graphic Design at the London College of Communication and the Royal College of Art in London, before starting and running his own eponymous label, Zuzunaga, from 2010 to 2023. He now works in Bristol, where he recently launched Frankenstein Press, a new printmaking space, gallery, and creative workshop dedicated to his artistic practice, teaching, and meaningful collaborations.

Kvadrat Shade

Kvadrat Shade offers an aesthetically outstanding, versatile roller blind solution, which leverages Kvadrat’s leadership in textile and design innovation. Crafted with metallised fabrics and creative talents, this enables architects to complete any design theme and optimise visual, acoustic or thermal comfort – or a combination of all three. Reflecting a commitment to longevity, simplicity and premium quality materials, the Kvadrat Shade hardware is designed by the internationally-acclaimed Ronan and Erwan Bouroullec, while Kvadrat produces the textiles. Kvadrat Shade completes this offering with end-to-end expert support that includes the advantages of Kvadrat’s global network.

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