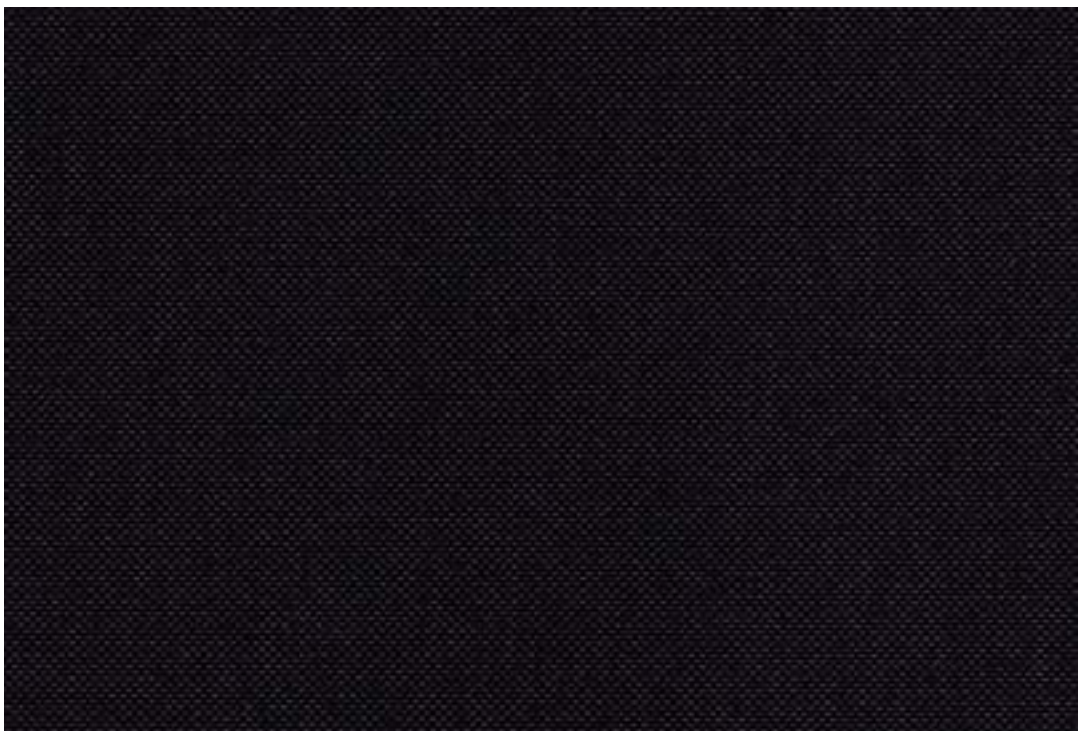


# Ferrite Cristian Zuzunaga

Openness factor 1%  
Solar reflection 66%  
Acoustic performance 0.55 aw / Class D  
100% Recycled ocean-bound polyester



**kvadrat shade**

## Specification details

Openness factor	1%
Composition	100% recycled polyester (ocean-bound waste) with aluminium backing
Fabric width	275 cm (108 inches)
Weight	270 g/m <sup>2</sup>
Thickness	0.44 mm
IR emissivity metal side	0.31
Light fastness	Interior 4-6, Exterior 7-8 (ISO105-B02)
Fire tests	EN 13501-1 (B-s1, d0), BS 5867 part 2 type B, DIN 4102 B1, NFPA 701
Environment	Tracible sourcing through #tide, GREENGUARD Gold, STANDARD 100 Class IV by OEKO-TEX®, Environmental Product Declaration (EPD), Health Product Declaration (HPD). Comply with REACH and RoHS. Free of intentionally added PFAS. Phthalate free, Formaldehyde free, Halogen free, Antimicrobials free, PVC free.
Sound absorption	0.55 aw / Class D

## Technical details

Colour	Optical properties acc. to EN 14500:2021 and EN 14501:2021						
	Number	Rs (%)	Ts (%)	Tv (%)	Tuv (%)	Ra	Glare control rating
	111	66	4	4	2	98	4
	131	66	3	2	1	96	4
	171	66	3	2	1	94	4
	191	66	3	1	1	97	4
	221	66	3	3	1	98	4
	541	66	4	3	2	83	4
	691	66	3	1	1	93	4

Colour	Solar control double glazing G			Solar control triple glazing I			
	Number	gtot/SHGC (%)	Ut <sub>tot</sub> -value (W/m <sup>2</sup> K)	Tv, tot (%)	gtot/SHGC (%)	Ut <sub>tot</sub> -value (W/m <sup>2</sup> K)	Tv, tot (%)
	111	15	0.78	3	16	0.52	3
	131	15	0.78	2	16	0.52	2
	171	15	0.78	1	16	0.52	1
	191	15	0.78	1	16	0.52	1
	221	15	0.78	2	16	0.52	2
	541	15	0.78	2	16	0.52	2
	691	15	0.78	1	16	0.52	1

**Rs:** Solar reflection | **Ts:** Solar transmission | **As:** Solar absorption calculation:  $100 - R_s - T_s = A_s$

**Tv:** Visual light transmission | **Tuv:** UV transmission | **Ra:** Colour rendering index

**Glazing G:**  $g=33\% / U=1.0 / Tv=70\%$  (acc. to EN14501: 2021) | **Glazing I:**  $g=31\% / U=0.6 / Tv=64\%$  (with ref. panes acc. to EN 14501:2021)

**gtot/SHGC:** Solar heat gain through total fenestration | **Ut<sub>tot</sub>:** Thermal heat loss (or gain) through total fenestration

**Tv, tot:** Total light transmission through total fenestration

## Ferrite



111



131



221



171



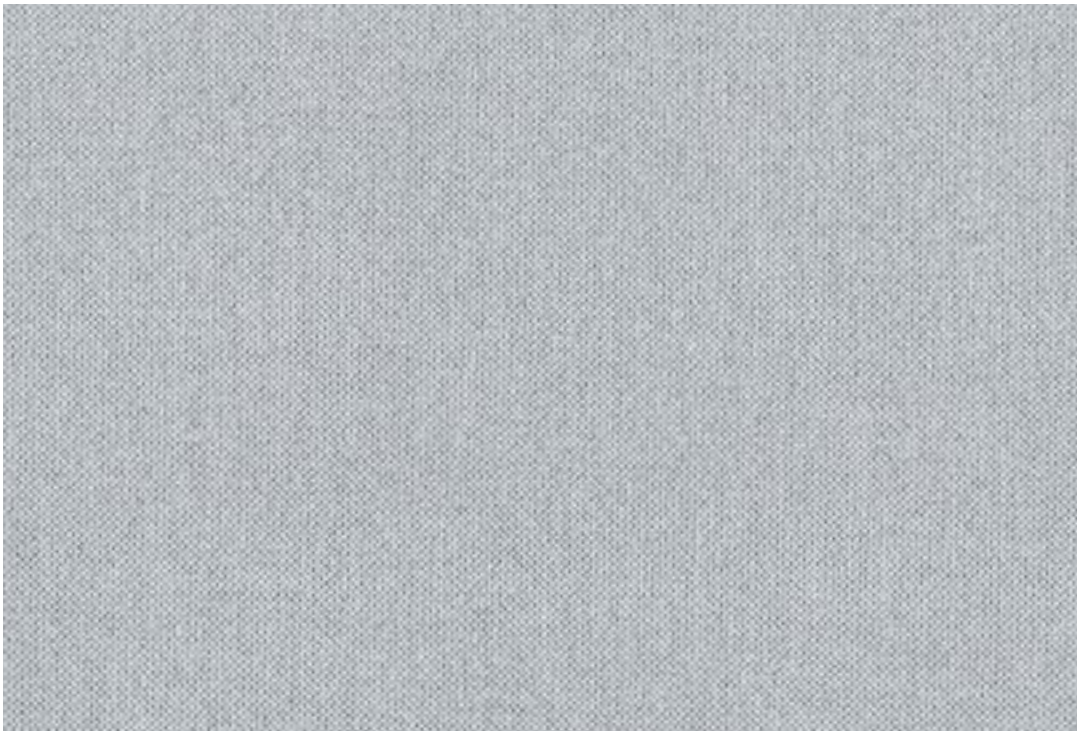
541



691



191



## Ferrite

Design: Cristian Zuzunaga

DK

**Anvendelse** Rullegardin.

**Beskrivelse** 100% genanvendt polyester (ocean-bound waste) med aluminium bagside. Bredder 275 cm. Vægt 270 g/m<sup>2</sup>. Tykkelse 0.44 mm. Transfer tryk.

Nuanceforskelle kan forekomme.

**Lysægted** Indvendigt 4-6, Udvendigt 7-8 (ISO 105-B02).

**Flammesikring** EN 13501-1 (B-s1, d0), BS 5867 part 2 type B, DIN 4102 B1, NFPA 701 (Kopi af testrapport kan rekvireres).

**Vedligeholdelse** Se ISO symboler. Kan børstes eller støvsuges (laveste sugkraft) med børstemundstykke. Ved kraftigere tilsmudsning anbefales det at kontakte et professionelt renseri.

UK

**Application** Roller blind.

**Description** 100% recycled polyester (ocean-bound waste) with aluminium backing. Width 275 cm (108 inches). Weight 270 g/m<sup>2</sup>. Thickness 0.44 mm. Transfer print.

Colour differences may occur.

**Lightfastness** Interior 4-6, Exterior 7-8. (ISO 105-B02)

**Flame resistance** EN 13501-1 (B-s1, d0), BS 5867 part 2 type B, DIN 4102 B1, NFPA 701 (Copy of test report available).

**Care** See ISO symbols. Can be brushed or carefully vacuumed (lowest suction power) with a brush nozzle. In case of considerable staining, we recommend contacting a professional dry cleaner.

DE

**Anwendungsbereich** Rollos.

**Beschreibung** 100% recyceltes Polyester (ocean-bound waste) mit Aluminiumrückseite. Breite max. 275 cm. Gewicht 270 g/m<sup>2</sup>. Dicke 0.44 mm. Transferdruck. Farbunterschiede können vorkommen.

**Lichtechtheit** Innen 4-6, Äußeres 7-8. (ISO 105-B02)

**Flammschutz** EN 13501-1 (B-s1, d0), BS 5867 part 2 type B, DIN 4102 B1, NFPA 701 (Testbericht verfügbar).

**Pflege** Siehe ISO Pflegesymbole. Reinigung durch vorsichtiges Abbürsten oder saugen mit Bürstenaufsatz und niedrigste Saugleistung möglich. Bei starker Verschmutzung empfehlen wir einen professionellen Reinigungsdienst.

NL

**Toepassing** Rolgordijn.

**Omschrijving** 100% gerecycled polyester (ocean-bound waste) met aluminium achterkant. Breedte 275 cm. Gewicht 270 g/m<sup>2</sup>. Dikte 0.44 mm. Transfer print. Kleurverschillen kunnen optreden.

**Lichtechtheid** Interieur 4-6, Exterieur 7-8. (ISO 105-B02)

**Brandwerendheid** EN 13501-1 (B-s1, d0), BS 5867 part 2 type B, DIN 4102 B1, NFPA 701 (Op aanvraag sturen wij u graag een kopie van het testrapport).

**Onderhoud** Zie de ISO symbolen. Kan schoongemaakt worden door middel van een borstel of een stofzuiger met borstelstuk op laagste zuigkracht. In het geval van serieuze vlekvorming, raden we aan contact op te nemen met een professionele reiniger.

FR

**Domaine d'utilisation** Store.

**Description** 100% polyester recyclé (ocean-bound waste) avec revêtement en aluminium. Largeur 275 cm. Poids 270 g/m<sup>2</sup>. Épaisseur 0.44 mm. Impression par transfert. Ecart de coloris possibles.

**Résistance à la lumière** Intérieur 4-6, Extérieur 7-8. (ISO 105-B02)

**Normes au feu** EN 13501-1 (B-s1, d0), BS 5867 part 2 type B, DIN 4102 B1, NFPA 701 (La copie du compte rendu des tests est disponible sur demande).

**Entretien** Voir les symboles ISO. Le tissu peut être brossé ou aspiré avec soin (puissance d'aspiration minimale) avec un embout en forme de brosse. Dans le cas où le tissu a été fortement taché, nous suggérons de contacter un pressing professionnel.

IT

**Destinazione d'uso** Tende a rullo.

**Caratteristiche** 100% poliestere riciclato (ocean-bound waste) con rivestimento in alluminio. Altezza 275 cm. Peso 270 g/m<sup>2</sup>. Spessore 0.44 mm. Transfer print. Possibili differenze per colore.

**Resistenza alla luce** Interno 4-6, Esterno 7-8. (ISO 105-B02)

**Ignifugazione** EN 13501-1 (B-s1, d0), BS 5867 part 2 type B, DIN 4102 B1, NFPA 701 (Disponibile copia del test).

**Manutenzione** Per favore seguire simboli ISO. Può essere spazzolato oppure accuratamente aspirato (potenza di aspirazione minima) con un ugello a spazzola. In caso di macchie considerevoli, si consiglia di contattare un lavasecco professionale.

ES

**Aplicación** Estor.

**Descripción** 100% poliéster reciclado (ocean-bound waste) con revestimiento de aluminio. Anchura 275 cm. Peso 270 g/m<sup>2</sup>. Grosor 0.44 mm. Impresión digital textil. Posibles variaciones de color.

**Resistencia a la luz** Interior 4-6, Exterior 7-8. (ISO 105-B02)

**Resistencia al fuego** EN 13501-1 (B-s1, d0), BS 5867 part 2 type B, DIN 4102 B1, NFPA 701 (Copia del informe de ensayos disponible).

**Limpieza** Consulte los símbolos ISO. Se puede cepillar o aspirar con cuidado (potencia de succión más baja) con una boquilla de cepillo. En caso de manchas considerables, recomendamos contactar con un profesional de limpieza.

SE

**Användning** Rullgardin.

**Beskrivning** 100% återvunnen polyester (ocean-bound waste) med aluminium på baksidan. Bredd 275 cm. Vikt 270 g/m<sup>2</sup>. Tjocklek 0.44 mm. Transfertryck. Viss nyansskillnad kan förekomma.

**Ljushärdighet** Interiör 4-6, Exteriör 7-8. (ISO 105-B02)

**Flammskydd** EN 13501-1 (B-s1, d0), BS 5867 part 2 type B, DIN 4102 B1, NFPA 701 (Kopia av testrapport finns tillgänglig vid förfrågan).

**Underhåll** Se ISO symboler. Kan borstas eller dammsugas försiktigt (lägsta sugkraft) med ett borstmunstycke. I händelse av fläckar rekommenderar vi att du lämnar in rullgardinen till kemtvätt.

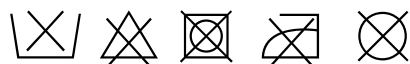
ZH

产品应用 遮光卷帘。

产品详情 100%再生聚酯纤维(海洋垃圾)配铝箔背衬。幅宽: 275厘米。克重: 270克/平方米。厚度: 0.44毫米。转印。可能出现色差。日晒色牢度 外层: 室内4-6, 外层7-8 (ISO 105-B02)。

阻燃级别 欧洲标准EN 13501-1 (B-s1, d0)、DIN 4102 B1、BS 5867 第2部分B型、NFPA 701 (可提供检测报告副本)。

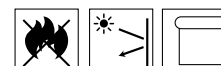
保养须知 请参照ISO标识。可用软毛刷或配备软毛刷吸头的吸尘器(最低吸力档位)进行清洁。如脏污较严重, 建议联系专业干洗服务。



Contact and further information kvadrat.dk



STANDARD 100  
25.HNL.61901  
Hohenstein



5 year warranty

**Ferrite**

*Ferrite* is a metallised roller blind textile that unites design, performance and circularity. Created by Cristian Zuzunaga, its colour palette is inspired by his self-initiated project 'The Making of the Cube', in which Zuzunaga explored the casting of metal cubes in bronze, iron, lead and aluminium. *Ferrite* translates the hues and textures of these metals into a refined expression that complements contemporary interiors.

*Ferrite* ensures superior thermal and visual comfort, combined with exceptional acoustic performance for a roller blind, enhancing well-being and spatial quality.

The focus on transformation extends to its material composition. Made from 100% recycled, ocean-bound polyester, *Ferrite* gives new life to plastic waste that is collected before it reaches the sea, and is reprocessed into a valuable resource.

**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.