

#### Relate

Design: Patricia Urquiola

Type: Upholstery

In accordance with California Bill AB 2998 and similar legislation within the United States, this product may not be used as upholstery. It can be used for vertical applications.

Composition: 100% Trevira CS

Yarn type: Filament Binding: Twill

Width: Approx. 140 cm, 55 inches Weight: Approx. 450 g/lin.m, 14.5 oz/ly

Repeat: None

Colour difference may occur

Cleaning: Vacuum clean frequently, ideally every week if fixed covers. Remove stains as soon as they occur, with clean warm water or sparkling water. Extraction clean when necessary. Extraction cleaning might dissolve water-based glue. Pay attention to temperature and amount of cleaning fluid.

Also washable at 60-80°C, half wash load. Drip drying. Mount in moist condition. Shrinkage app. 2% at 60°C. Be aware of increased shrinking and creasing the higher the temperature.

Disinfection, see kvadrat.dk

More info: Care and maintenance kvadrat.dk

 $\underline{\omega} \times \underline{\otimes} \underline{a} \underline{b}$ 













# **kvadrat**

# Relate

# Abrasion

Approx. 80.000 Martindale rubs, EN ISO 12947

Abrasion test results exceeding ACT performance guidelines are not an indicator of product lifespan. Multiple factors affect fabric durability and appearance retention

#### Pilling

Note 4-5, EN ISO 12945

## Seam slippage

Seam parallel to warp: 3.0 mm parallel to weft: 3.0 mm

EN ISO 13 936-2 180 Newton

# Lightfastness

Note 5-7 ISO 105-B02

## Fastness to rubbing

Dry note 4-5 ISO 105-X12 Wet note 4-5 ISO 105-X12

# Absorption

0.50/Class D (flat), 0.70/Class C (waved) EN ISO 354

#### **Airflow**

2241 Pa s/m EN 29053

#### Flame resistance

AS/NZS 1530.3

AS/NZS 3837 class 2

ASTM E84 Class A Unadhered

ASTM E84 Class B Adhered

BS 5852 Crib 5

BS 5852 Part 1 with treatment \*

BS 5867 part 2 type B

BS 7176 Low Hazard

CAN ULC S109

CAN ULC S102

DIN 4102 B1

EN 1021-1/2

EN 13501-1, B-s1, d0

FAR 25.853

GB 8624 B1

IMO FTP Code 2010 Part 5

IMO FTP Code 2010 Part 8

NF D 60 013

NF P 92 507 M1

**NFPA 701** 

ÖNORM B1/Q1

SN 198 898 5.2

UNI 9175 1IM

UNI 9177 Classe 1

US Cal. Bull. 117-2013

#### **ACT Guidelines Woven fabrics**

## **Flammability**

US Cal. Bull. 117-2013

## **Dry & Wet Crocking**

Dry Crocking: Grade 4.5 Wet Crocking: Grade 4.5

#### **Colour Fastness to Light**

Grade 4.0 minimum 40 hours

# **Physical properties**

Pilling Class 4-5

Breaking Strength warp 276 / weft 295 lbs. Seam Slippage warp 83 / weft 89 lbs.

#### **Abrasion**

80.000 cycles Martindale - High Traffic / Public Spaces

# **Quality benefits**

Complies with Möbelfakta Very good abrasion Good lightfastness Permanent flame retardant Washable

#### **Environmental benefits**

EU Ecolabel compliant

No use of halogen-based flame retardants (incl. brominated and chlorinated)

No content of PFCs or 'PFAS'

**REACH** compliant

Californian Proposition 65 list compliant

LBC Red list compliant

Mono-material designed for circularity

Recyclable

# Green building certificates

Greenguard Gold: Low chemical emission

Environmental Product Declaration (EPD): 3rd Party Verified. ISO 14025 & EN 15804. Developed in accordance with the European standard EN 15804+A2.

Health Product Declaration (HPD): Declaring textile content and substance

## Country of origin

Holland

## Launch

2020

#### Warranty

10 years. See terms and conditions on kvadrat.dk

Kvadrat packaging and cardboard is recyclable. Cardboard material is FSC certified and / or contains recycled content.

For further information kvadrat.dk

