



Haku

Design: Teruhiro Yanagihara

Type: Upholstery. Avoid furniture with hard edges and stackable chairs. Should never be glued to furniture.

Composition: 100% polyurethane / silicone (surface).

Polyester (backing)

Yarn type: -

Binding: -

Width: Approx. 140 cm, 55 inches

Weight: Approx. 780 g/lin.m, 25 oz/ly

Repeat: None

Colour difference may occur

Cleaning: Wipe regularly with warm water and neutral detergent. Use a clean, soft white cloth or sponge.

Do not over saturate the textile or let water pool in seams.

If disinfection is required alcohol / ethanol 70-85% or ready to use household bleach is recommended.

Chlorine based agents should only be used in extreme conditions as colour might change.

UVC disinfection is not suitable for light colours

More info, see page 3

After cleaning, rinse repeatedly with cool, clean water.

Always pre-test in an invisible area before cleaning.

Do not use solvent-based cleaning agents.

More info: Care and maintenance kvadrat.dk



10^{year}
warranty



kvadrat

Haku

Abrasion

Approx. 100.000 Martindale rubs, EN ISO 12947

Note: Abrasion test results exceeding ACT Performance Guidelines are not an indicator of product lifespan. Multiple factors affect fabric durability and appearance retention.

Pilling

Note 5, EN ISO 12945

Lightfastness

Note 6-7 ISO 105-B02

Fastness to rubbing

Dry note 5 ISO 105-X12

Wet note 5 ISO 105-X12

Resistance to water penetration

>1500 cm = waterproof EN ISO 810

Hydrolysis test ISO 1419

No cracking, bubbling and good adhesion

10 weeks, 70°C, 95% relative humidity

Flame resistance

AS/NZS 3837 Class 2

ASTM E84 Class B adhered

ASTM E84 Class B unadhered

BS 5852 Crib 5 with treatment *

EN 1021-1

EN 1021-1/2 with treatment *

US Cal. Bull. 117-2013

Free from added flame retardant chemicals as standard

** To pass this test flame retardant treatment is necessary.*

We are looking into more environmentally friendly alternatives but for now the external finisher may use a treatment containing halogen-based flame retardants

ACT Guidelines Coated fabrics

Flammability

US Cal. Bull. 117-2013

Dry & Wet Crocking

Dry Crocking Grade 5.0

Wet Crocking Grade 5.0

Colour Fastness to Light

Grade 4.5 minimum 200 hours

Physical properties

Tongue Tear warp 9 / weft 11 lbs

Tear Strength warp 55 / weft 53 lbs

Breaking Strength warp 138 / weft 208 lbs

Seam Strength warp 78 / weft 81 lbs

Flex Resistance Pass

Hydrolysis Resistance Pass

Abrasion

100.000 rubs – High Traffic / Public Spaces

Quality benefits

Very good abrasion

Very good lightfastness

Waterproof

Easy to clean

Disinfection is possible

Environmental benefits

No harmful siloxanes

Formaldehyde free

DMF free

PFAS free

PVC free

REACH compliant

Californian Proposition 65 list compliant

LBC Red list compliant

Healthier Hospitals compliant

Green Building certificates

Greenguard Gold: Low chemical emission

Environmental Product Declaration (EPD): Based on a LCA following EN 15804 and follow the standards of ISO 14040

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

Country of origin

China

Launch

2021

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.

Kvadrat A/S is ISO 9001 and ISO 14001 certified

For further information

kvadrat.dk

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The Association for Contract Textiles' (ACT)
Proposed BIFMA Cleaning Guideline - Assessing

Woven Fabrics for Resistance to Liquid Cleaner
and/or Disinfectants

Stain resistance CFFA 141

Colour	Alcohol	Household bleach Ex. Oxivir Oxicide Virex	Chlorine bleach max. 5%	Stain resistance
101	Yes	Yes	Yes	Low
111	Yes	Yes	Yes	Low
121	Yes	Yes	Yes	Low
131	Yes	Yes	Yes	Low
161	Yes	Yes	Yes	Low
181	Yes	Yes	Yes	Medium
191	Yes	Yes	Yes	High
201	Yes	Yes	Yes	Low
221	Yes	Yes	Yes	Medium
241	Yes	Yes	Yes	Low
281	Yes	Yes	Yes	High
321	Yes	Yes	Yes	Medium
351	Yes	Yes	Yes	Medium
391	Yes	Yes	Yes	High
451	Yes	Yes	Yes	Medium
461	Yes	Yes	Yes	High
561	Yes	Yes	Yes	Medium
611	Yes	Yes	No*	Low
641	Yes	Yes	Yes	High
681	Yes	Yes	Yes	High
721	Yes	Yes	Yes	Low
741	Yes	Yes	Yes	Medium
761	Yes	Yes	No*	Medium
781	Yes	Yes	Yes	High
871	Yes	Yes	Yes	Medium
941	Yes	Yes	Yes	Low
961	Yes	Yes	Yes	High
981	Yes	Yes	Yes	High

5% solution chlorine bleach: colour 611 & 761: colour will change

UVC disinfection is not suitable for light colours.

Colour will change, below note 4

101, 111, 121, 131, 201, 221, 611, 721, 741, 761 & 941

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