



Tonus 4

Abrasion

Approx. 100.000 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 3, EN ISO 12945

Seam slippage

Seam parallel to warp: 4.0 mm parallel to weft: 4.5 mm
EN ISO 13 936-2 180 Newton

Lightfastness

Note 5-7 ISO 105-B02

Fastness to rubbing

Dry note 3-5 ISO 105-X12

Wet note 3-5 ISO 105-X12

Absorption

0.45/Class D (flat), 0.60/Class B (waved) EN ISO 354

Airflow

233 Pa s/m EN 29053

Flame resistance

AS/NZS 1530.3

AS/NZS 3837 class 3

ASTM E84 Class A Unadhered

ASTM E84 Class B Adhered

BS 5852 crib 5 with treatment *

BS 5852 part 1

EN 1021-1/2

IMO FTP Code 2010 Part 8

NF D 60 013

NFPA 260

ÖNORM B1/Q1

SN 198 898 5.3 with treatment *

UNI 9175 1IM

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*

Tonus 4 – Item 1110

Design: Nina Koppel

Type: Upholstery, panel fabric

Composition: 90% new wool, 10% Helanca

Yarn type: Woolen

Binding: Plain

Width: Approx. 140 cm, 55 inches

Weight: Approx. 665 g/lin.m, 21.5 oz/ly

Foreign fibers may occur in light colours

Foreign fibers may occur

Colour difference may occur

Cleaning: Vacuum clean frequently, ideally every week. 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.

Disinfection, see kvadrat.dk

More info: Care and maintenance kvadrat.dk



10 year
warranty



kvadrat

ACT Guidelines Woven fabrics

Flammability

US Cal. Bull. 117-2013

Dry & Wet Crocking

Dry Crocking: Grade 4.5

Wet Crocking: Grade 5.0

Colour Fastness to Light

Grade 4.0 minimum 40 hours

Physical properties

Pilling Class 3

Breaking Strength warp 160 / weft 135 lbs.

Seam Slippage warp 105.5 / weft 39 lbs.

Abrasion

100.000 cycles Martindale – High Traffic / Public Spaces

Benefits of wool

Wool is a renewable resource

Wool is very comfortable because of its ability to absorb/
give off humidity

Wool is flame retardant

Wool is biodegradable

Wool is naturally soil resistant

Wool ages with grace

Quality benefits

Complies with Möbelfakta

Very good abrasion

Good lightfastness

Flame retardant

Environmental benefits

EU Ecolabel compliant

Free of intentionally added PFAS

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): 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

United Kingdom

Launch

1974

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