



# Plecto

## 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 3-4, EN ISO 12945

## Seam slippage

Seam parallel to wale (warp) : 0.5 mm  
Seam parallel to course (weft) : 0.5 mm  
EN ISO 13 936-2 180 Newton

## Lightfastness

Note 5-7, ISO 105-B02

## Fastness to rubbing

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

## Absorption

0.3 Class D (flat)

## Airflow

83 Pa s/m EN 29035

## Flame resistance

AS/NZS 3837 class 2  
ASTM E84 Class A Unadhered  
BS 5852 part 1 ignition source 0  
BS 5852 Crib 5, with treatment\*  
DIN 4102-B2  
EN 1021-1/2  
IMO FTP Code 2010 part 8  
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*

## Plecto

Design: Kvadrat Febrik

Type: Upholstery

Composition: 50% new wool, 16% nylon, 34% polyester,

Yarn type: Worsted

Binding: Knit

Width: approx. 140 cm, 55 inches

Weight: approx. 660 g/lin.m, 21 oz/ly

Repeat: none

Colour difference may occur

Foreign fibers may occur in light colours

Cleaning: Vacuuming gently, ideally every week.

More info: Care and maintenance kvadrat.dk



5 year  
warranty



## **ACT Guidelines Knit fabrics**

### **Flammability**

US Cal. Bull. 117-2013

### **Dry & Wet Crocking**

Dry Crocking: Grade 4.5 - 5

Wet Crocking: Grade 4.5 - 5

### **Colour Fastness to Light**

Grade 4-4.5 minimum 40 hours

### **Physical properties**

Pilling Class 4-5

Breaking Strength wale 174 / course 102 lbs

Seam Slippage wale 44,5 / course 106,5 lbs

### **Abrasion**

90.000 cycles Martindale – High Traffic / Public Space

### **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**

Great wear- and stretchability

Very good abrasion

Good lightfastness

Flame retardant

### **Environmental benefits**

REACH compliant

Follow the EU Ecolabel dye restrictions incl. AZO dye  
and heavy metal restrictions

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

No content of formaldehyde

### **Green building certificates**

Greengard Gold: Low chemical emission

Environmental product declaration (EPD): Based on a LCA  
following EN 15804 and follow the standard of ISO 14040

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

## **Country of origin**

The Netherlands

## **Launch**

2019

## **Warranty**

5 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