



**DANISH  
TECHNOLOGICAL  
INSTITUTE**

## Test Report no. A 783946-1

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Kvadrat Holding A/S, Lundbergsvej 10, 8400 Ebeltoft	
Test material: Upholstery fabric	
Design: Patio	Received: 08-11-2017 Completed: 18-12-2017
Fibre content: 100% Trevira CS water repellent (Manufacturer's information)	Sample no.: 783946-1
Care label: (Not given)	Your ref.: Lone Henriksen

Test Methods	Results
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	100 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	110 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	140 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	150 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	180 Colour fastness to weathering: 6 <b>DISCONTINUED</b>
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	200 Colour fastness to weathering: 7

**Test Report no. A 783946-1**

Test Methods	Results
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	210 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	220 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	230 Colour fastness to weathering: 6
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	240 Colour fastness to weathering: 7 <i>DISCONTINUED</i>
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	340 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	370 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	410 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	430 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	440 Colour fastness to weathering: 7

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Test Methods	Results
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	450 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	550 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	560 Colour fastness to weathering: 7 DISCONTINUED
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	570 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	650 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	690 Colour fastness to weathering: 6 DISCONTINUED
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	730 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	740 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	750 Colour fastness to weathering: 7

**Test Report no. A 783946-1**

Test Methods	Results
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	760 Colour fastness to weathering: 7 DISCONTINUED
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	790 Colour fastness to weathering: 6 DISCONTINUED
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	840 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	950 Colour fastness to weathering: 5 DISCONTINUED
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	970 Colour fastness to weathering: 7

**Test Report no. A 783946-1**

Test Methods	Results
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	100 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	110 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	140 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	150 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	180 Colour fastness: 7  <i>DISCONTINUED</i>
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	200 Colour fastness: 7

**Test Report no. A 783946-1**

Test Methods	Results
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	210 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	220 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	230 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	240 Colour fastness: 7 DISCONTINUED
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	340 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	370 Colour fastness: 7

**Test Report no. A 783946-1**

Test Methods	Results
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	410 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	430 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	440 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	450 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	550 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	560 Colour fastness: 7 DISCONTINUED

**Test Report no. A 783946-1**

Test Methods	Results
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	570 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	650 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	690 Colour fastness: 7 DISCONTINUED
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	730 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	740 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	750 Colour fastness: 7



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Test Methods	Results
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	760 Colour fastness: 7  <i>DISCONTINUED</i>
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	790 Colour fastness: 7  <i>DISCONTINUED</i>
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	840 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	950 Colour fastness: 7  <i>DISCONTINUED</i>

**Test Report no. A 783946-1**

Test Methods	Results
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	970 Colour fastness: 7

The test has been performed according to the attached conditions, which are according to the guidelines laid down by DANAK (The Danish Accreditation). The testing is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

This report was generated by software version 2.46 of 2014-04-26.

18 December 2017, Danish Technological Institute, Textile



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Test responsible



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Co-reader

# Test Report

Report No.: A 833955-1



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Chf/leln  
Order no.: 833955  
No. of appendices: 1

**Subject:** Upholstery fabric Patio  
100% Trevira CS (as per info from the assigner).

**Sampling:** The test material was sampled by the client and received at the Danish Technological Institute 08.10.2018

**Method:** See Appendix 1.

**Period:** The testing was completed 26.10.2018

**Result:** Individual results appear from Appendix 1.

**Storage:** The test material will be destroyed after 6 months, unless otherwise agreed.

**Terms:** The accredited test was carried out according to DANAK's general conditions see [www.danak.dk](http://www.danak.dk) and according to the General Terms and Conditions regarding Commissioned Work Accepted by the Danish Technological Institute, which apply at the time of signing the agreement. The test is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

**Date/place:** 26.10.2018, Danish Technological Institute, Wood and Biomaterials, Textile, Taastrup

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**Signature:** Test responsible

Co-signatory



Report no.: A 833955-1  
 Appendix: 1  
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 Initials: Chf/leln

<b>Test Methods</b>	<b>Results</b>
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	170 Colour fastness to weathering: 7
<b>Colour fastness to artificial weathering</b> DS/EN ISO 105-B04:1997 Method 2 1-8 scale, 8 best rating Test apparatus: Xenotest Alpha	780 Colour fastness to weathering: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	170 Colour fastness: 7
<b>Colour fastness to artificial light</b> DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	780 Colour fastness: 7