

Test Report

Revision 1

Report Number:
230785-4-TEX rev. 1



**DANISH
TECHNOLOGICAL
INSTITUTE**

Gregersensvej 1
DK-2630 Taastrup
+45 72 20 20 00
info@teknologisk.dk
www.teknologisk.dk

Page 1 of 6
Init.: CHF/LELN
Order no.: 230785
Encl.: 0

Assignor: KVADRAT A/S, Lundbergsvej 10, DK-8400 Ebeltoft

Material: Samples of rugs designated: Yield without fringes/Yield with naturally coloured fringes. See page 2 for detailed sample description.

Sampling: The assignor confirms having selected the product. The product was forwarded by the assignor and received at Danish Technological Institute on 13 December 2023.

Period: The test took place from 14 December 2023 to 4 January 2024.

Method: The test methods used are referenced in connection with the results. See page 4.

Test results: The results are shown from page 4 onwards.

Remarks: This report replaces Report no. 230785-4 of 04.01.2024. Result for colour fastness to light has been added to the report

Terms: This test was conducted accredited in accordance with international requirements (ISO/IEC 17025:2017) and in accordance with the General Terms and Conditions of Danish Technological Institute. The test results solely apply to the tested item. This test report may be quoted in extract only if Danish Technological Institute has granted its written consent.

Place: Danish Technological Institute, Taastrup, Environmental Technology

Signature: This document is only valid with a digital signature from Danish Technological Institute. The date of issue appears from the digital signature.

Charlotte Fischer
Senior Consultant









DANAK

TEST Reg.no. 2





Samples

Sample mark	Description	Photo
0111	Sample of rug Designated: Yield without fringes/Yield with naturally coloured fringes Material: 100% NZ wool	
0151	Sample of rug Designated: Yield without fringes/Yield with naturally coloured fringes Material: 100% NZ wool	
0191	Sample of rug Designated: Yield without fringes/Yield with naturally coloured fringes Material: 100% NZ wool	
0251	Sample of rug Designated: Yield without fringes/Yield with naturally coloured fringes Material: 100% NZ wool	
0291	Sample of rug Designated: Yield without fringes/Yield with naturally coloured fringes Material: 100% NZ wool	
0521	Sample of rug Designated: Yield without fringes/Yield with naturally coloured fringes Material: 100% NZ wool	



Samples (*continued*)

Sample mark	Description	Photo
0791	Sample of rug Designated: Yield without fringes/Yield with naturally coloured fringes Material: 100% NZ wool	
0951	Sample of rug Designated: Yield without fringes/Yield with naturally coloured fringes Material: 100% NZ wool	



Results

Test of Samples of rugs designated: Yield without fringes/Yield with naturally coloured fringes

Colour fastness to artificial light: Xenon arc fading lamp test

EN ISO 105-B02:2014 Method 2

1-8 scale, 8 best rating

Test apparatus: Atlas Ci4000 Xenon Weather-Ometer

Sample mark	Colour fastness
0111	6-7
0151	7
0191	7
0251	6
0291	7
0521	4
0791	5
0951	6

Colour fastness to rubbing

EN ISO 105-X12:2016

Test conditions: 21°C, 65% RH

Conditioning time: 24 h

Soak: 100%

1-5 scale, 5 best rating

Rubbing finger: Cylinder 16 mm

Force: 9 N

Staining Sample	Warp direction		Weft direction	
	Dry rubbing	Wet rubbing	Dry rubbing	Wet rubbing
0111	4-5	4-5	4-5	4-5
0151	4-5	4-5	4-5	4-5
0191	3-4	3	3-4	3
0251	4-5	4-5	4	3-4
0291	4-5	3-4	4-5	3
0521	4-5	3-4	4-5	3-4
0791	4	3	4-5	3
0951	4-5	4	4-5	3-4



Colour fastness to water

EN ISO 105-E01:2013

Test conditions: 21°C, 65% RH

1-5 scale, 5 best rating

Sample	Adjacent fabric	Staining of	Rating
0111	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4-5 4-5 4-5 4-5 4 4-5
0151	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4-5 4 4-5 4-5 4 4-5
0191	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4-5 3 4-5 4-5 2-3 4-5
0251	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4 4 4 4 2-3 4



Colour fastness to water (continued)

Sample	Adjacent fabric	Staining of	Rating
0291	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4 4 4 4 3-4 4
0521	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4 3-4 3 4 4 3-4 4-5
0791	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4 3-4 4-5 4-5 3-4 4
0951	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4 4 3-4 4 4 4 4-5