



Ege Carpets A/S
Industrivej Nord 25
7400 Herning
Denmark

Your Reference Una Level WT
Customer Number 40201
Contact Person Ormstrup Lenette
E-Mail lo@egecarpets.com

Vienna / 17.07.2024 / guse

Test Report VN720 243712.1

Application

Testing and classification according to EN 1307 as well as castor chair suitability, suitability for use on stairs, resistance to fraying, dimension stability, horizontal and vertical resistance as well as antistatic behaviour.

Test Material

Una Level WT

The test material used for testing was made anonymous for laboratory purposes.
A detailed sample list is included in the document.

Issuing

Original Issuing, 17.07.2024

Number Of Included Pages: 11

OETI - Institut fuer Oekologie, Technik und Innovation GmbH

A handwritten signature in blue ink, appearing to read "Günther Sereinig".

Günther Sereinig

Customer Service Officer





1 Application

Date of Order	Scope of Order
18.06.2024	Summarized test report - EN 1307 Annex B Description Of Specimen - Textile Floor Coverings - EN 1307 Mass Per Unit Area - ISO 8543 Textile Floor Coverings Thickness Of Textile Floor Coverings - ISO 1765 Fibrebind - Pilling - EN ISO 12951, Test D Basic requirements - EN 1307 - Textile floor covering without pile Mass Loss - Lisson Pedal Wheel Methode - EN ISO 12951, Test A General Structural Integrity - EN 985 Method C Changes in Appearance - Drum Test - ISO 10361 Method A / EN ISO 9405 Classification - EN 1307 - Textile floor covering without pile Castor Chair Suitability Of Textile Floor Coverings - EN 985 Method A / EN ISO 9405 Suitability For Use On Stairs - EN ISO 12951, Test B Resistance To Fraying - EN ISO 10833 Static Electrical Propensity - Walking Test - ISO 6356 Horizontal Resistance - ISO 10965 Vertical Resistance - ISO 10965

2 Samples

No.	Receipt	Sample Identification
1	21.06.2024	Una Level WT

(Unless otherwise stated samples are provided by the customer.)

3 Tests Performed / Results

#1
Una Level WT

Summarized test report EN 1307 Annex B *		
• Identification, basic information		
Product name		Una Level WT
Type of face side		flat (according to B.2.2: A2)
Manufacturing procedure		Woven (according to B.2.1: M1)
Backing		Finish (according to B.2.4: S1)
Type of floor covering		textile floor covering without pile
Base		none
Colouration		plain(according to B.2.5: C1)
Dimensions		rolls
Fibers of pile		100% PA (according to the applicant)
• Construction		
Total mass	[g/m ²]	1'662
Total thickness	[mm]	3.0
• Appearance change		
Vettermann-drum test, short time testing		5.0
Vettermann-drum test, long time testing		5.0
• Classification according EN 1307		
Basic requirements		fulfilled
Hairiness (Pilling)		4.5
General structural integrity		no destruction
Use class		Class 33
Luxury-Class		LC1
• Additional properties		
Castor chair suitability		suitable for intensive use
Stair suitability		suitable for intensive use
Fraying resistance		resistant to fraying
Body-Voltage, walking test	[kV]	- 1,4
Assessment according to EN 14041:2007		antistatic
Vertical resistance	[Ω]	1,2 E12
Horizontal resistance	[Ω]	1,2 E13
Dimensional stability (max. change)	[%]	- 0,5

#1
Una Level WT

<p>Description Of Specimen - Textile Floor Coverings EN 1307 *</p> <ul style="list-style-type: none"> • Manufacturing procedure • Structure of face side • Primary backing • Colouration of the surface • Type of backing • Type of fibres at face side • Dimensions • Description according to standard 	<p>woven flat none plain finish 100% PA (according to the applicant) rolls textile floor covering without pile</p>
<p>Mass Per Unit Area ISO 8543 Textile Floor Coverings</p> <ul style="list-style-type: none"> • Number of specimen • Conditioning <ul style="list-style-type: none"> Temperature [°C] Air humidity [%] • Total mass <ul style="list-style-type: none"> Mean value [g/m²] Coefficient of variation [%] Confidence interval (95%) abs. width [g/m²] • Measurement uncertainty [%] • Issue Date of Standard: 2020-06 	<p>4 20 65 1'662 0.7 18 0.84</p>
<p>Thickness Of Textile Floor Coverings ISO 1765</p> <ul style="list-style-type: none"> • Number of specimen • Conditioning <ul style="list-style-type: none"> Temperature [°C] Air humidity [%] • Thickness <ul style="list-style-type: none"> Mean value [mm] Coefficient of variation [%] Confidence interval (95%) abs. width [mm] • Measurement uncertainty [%] • Issue Date of Standard: 1986-11 	<p>4 20 65 3.0 0.0 0.0 1.47</p>

Dimension Stability And Curling After Exposure To Heat And Water ISO 2551 / EN 986		
• Number of specimen		3
• Deviation from standard		No
• 1. Treatment - 2 hours storage (drying) at 60°C		
1. Measurement length direction	[%]	- 0,3
2. Measurement length direction	[%]	- 0,3
3. Measurement length direction	[%]	- 0,3
Mean value length direction	[%]	- 0,3
1. Measurement cross direction	[%]	- 0,3
2. Measurement cross direction	[%]	- 0,1
3. Measurement cross direction	[%]	- 0,1
Mean value cross direction	[%]	- 0,2
• 2. Treatment - 2 hours storage in water at 20°C		
1. Measurement length direction	[%]	- 0,3
2. Measurement length direction	[%]	- 0,3
3. Measurement length direction	[%]	- 0,2
Mean value length direction	[%]	- 0,3
1. Measurement cross direction	[%]	- 0,2
2. Measurement cross direction	[%]	± 0,0
3. Measurement cross direction	[%]	± 0,0
Mean value cross direction	[%]	- 0,1
• 3. Treatment - 24 hours storage (drying) at 60°C		
1. Measurement length direction	[%]	- 0,6
2. Measurement length direction	[%]	- 0,6
3. Measurement length direction	[%]	- 0,7
Mean value length direction	[%]	- 0,6
1. Measurement cross direction	[%]	- 0,5
2. Measurement cross direction	[%]	- 0,3
3. Measurement cross direction	[%]	- 0,3
Mean value cross direction	[%]	- 0,4
• 4. Treatment - 48 hours storage at standard atmosphere		
1. Measurement length direction	[%]	- 0,5
2. Measurement length direction	[%]	- 0,5
3. Measurement length direction	[%]	- 0,6
Mean value length direction	[%]	- 0,5
1. Measurement cross direction	[%]	- 0,5
2. Measurement cross direction	[%]	- 0,2
3. Measurement cross direction	[%]	- 0,3
Mean value cross direction	[%]	- 0,3
• Vertical distortion out of plane	[mm]	4
• Description of the final appearance		Medium Bulging
• Measurement uncertainty	[%]	32.40
• Issue Date of Standard ISO 2551: 2020-05		
• Issue Date of Standard EN 986: 2005-12		

<p>Fibrebind - Pilling EN ISO 12951, Test D</p> <ul style="list-style-type: none"> • Number of specimen • Duration [double cycles] • Median [grade] • Issue Date of Standard: 2020-06 • Measurement uncertainty: ± 0.5 [°] 	<p>4 200 4.5 ± 0,5</p>
<p>Basic requirements EN 1307 - Textile floor covering without pile *</p> <ul style="list-style-type: none"> • Colour fastness [grade] • Dimensional change - ISO 2551 - shrinkage [%] • Dimensional change - ISO 2551 - lengthening [%] • Hairiness / Pilling - EN 1963 Method D [grade] • Basic requirements 	<p>Conformity shall be indicated for each color by the manufacturer - 0,5 No 4.5 fulfilled</p>
<p>Mass Loss - Lisson Pedal Wheel Methode EN ISO 12951, Test A</p> <ul style="list-style-type: none"> • Number of specimen • Mass loss per unit area <ul style="list-style-type: none"> Mean value [g/m²] Coefficient of variation [%] Confidence interval (95%) abs. width [g/m²] • Relative mass loss <ul style="list-style-type: none"> Mean value [%] Coefficient of variation [%] Confidence interval (95%) abs. width [%] • Tretradindex • Measurement uncertainty [%] • Issue Date of Standard: 2020-06 	<p>4 No mass and weight loss - - - No mass and weight loss - - - - 5.60</p>
<p>General Structural Integrity EN 985 Method C</p> <ul style="list-style-type: none"> • Number of specimen • Specimen fixation • Castors • Damages by treatment <ul style="list-style-type: none"> - After 10 000 cycles - After 25 000 cycles • Issue Date of Standard: 2001-07 	<p>1 double sided adhesive tape single swivel castor, Type H none No No</p>

<p>Changes in Appearance - Drum Test ISO 10361 Method A / EN ISO 9405</p> <ul style="list-style-type: none"> • Used scale • Appearance change 5'000 cycles (if dominant: attribute) <ul style="list-style-type: none"> Assessor 1 [grade] 5.0 Assessor 2 [grade] 5.0 Assessor 3 [grade] 5.0 Median [grade] 5.0 Mean value [grade] 5.0 • Index of colour change 5'000 cycles <ul style="list-style-type: none"> Assessor 1 [grade] 4 - 5 Assessor 2 [grade] 4 - 5 Assessor 3 [grade] 4 - 5 Median [grade] 4 - 5 • Appearance change 20'000 cycles (if dominant: attribute) <ul style="list-style-type: none"> Assessor 1 [grade] 5.0 Assessor 2 [grade] 5.0 Assessor 3 [grade] 5.0 Median [grade] 5.0 Mean value [grade] 5.0 • Index of colour change 20'000 cycles <ul style="list-style-type: none"> Assessor 1 [grade] 4 - 5 Assessor 2 [grade] 4 - 5 Assessor 3 [grade] 4 - 5 Median [grade] 4 - 5 • Damages by treatment No • Measurement uncertainty: ± 0.5 [] $\pm 0,5$ • Issue Date of Standard EN ISO 9405: 2017-06 • Issue Date of Standard ISO 10361: 2015-02 	<p style="text-align: center;">ISO loop (ISO - A)</p>
<p>Classification EN 1307 - Textile floor covering without pile *</p> <ul style="list-style-type: none"> • Abrasion resistance • General structural integrity - 10 000 turns • General structural integrity - 25 000 turns • Appearance change - short time test [grade] 5.0 • Appearance change - long time test [grade] 5.0 • Level of use classification Class 33 • Luxury-Class LC1 	<p style="text-align: center;">no weight / mass loss no destruction no destruction Class 33 LC1</p>

<p>Castor Chair Suitability Of Textile Floor Coverings EN 985 Method A / EN ISO 9405</p> <ul style="list-style-type: none"> • Castors • Specimen fixation • Used scale • Appearance change 5'000 cycles (if dominant: attribute) <ul style="list-style-type: none"> Assessor 1 [grade] 4.5 Assessor 2 [grade] 4.5 Assessor 3 [grade] 4.5 Median [grade] 4.5 Mean value [grade] 4.5 • Index of colour change 5'000 cycles <ul style="list-style-type: none"> Assessor 1 [grade] 4 Assessor 2 [grade] 4 Assessor 3 [grade] 4 - 5 Median [grade] 4 • Appearance change 25'000 cycles (if dominant: attribute) <ul style="list-style-type: none"> Assessor 1 [grade] 4.5 Assessor 2 [grade] 4.5 Assessor 3 [grade] 4.5 Median [grade] 4.5 Mean value [grade] 4.5 • Index of colour change 25'000 cycles <ul style="list-style-type: none"> Assessor 1 [grade] 3 Assessor 2 [grade] 3 - 4 Assessor 3 [grade] 3 - 4 Median [grade] 3 - 4 • Damages by treatment • Castor chair index • Castor chair suitability • Measurement uncertainty: ± 0.5 [°] • Issue Date of Standard EN 985: 2001-07 • Issue Date of Standard EN ISO 9405: 2017-06 	<p>single swivel castor Type H double sided adhesive tape ISO loop (ISO - A)</p> <p>4.5 4.5 4.5 4.5 4.5</p> <p>4 4 4 - 5 4</p> <p>4.5 4.5 4.5 4.5 4.5</p> <p>3 3 - 4 3 - 4 3 - 4</p> <p>None 4.5 suitable for intensive use $\pm 0,5$</p>
<p>Suitability For Use On Stairs EN ISO 12951, Test B</p> <ul style="list-style-type: none"> • Number of specimen • Median of appearance change in the edge area [grade] • Assessment • Issue Date of Standard: 2020-06 	<p>4 low suitable for intensive use</p>

#1
Una Level WT

<p>Resistance To Fraying EN ISO 10833</p> <ul style="list-style-type: none"> • Number of specimen • Kind of test sample • Unacceptable changes <ul style="list-style-type: none"> Specimen 1 Specimen 2 Specimen 3 Specimen 4 • Note • Assessment • Issue Date of Standard: 2019-06 	<p style="text-align: center;">4</p> <p style="text-align: center;">sheets material</p> <p style="text-align: center;">no change</p> <p style="text-align: center;">no change</p> <p style="text-align: center;">no change</p> <p style="text-align: center;">no change</p> <p style="text-align: center;">-</p> <p style="text-align: center;">resistant to fraying</p>
<p>Static Electrical Propensity - Walking Test ISO 6356</p> <ul style="list-style-type: none"> • Number of specimen • Testing climate <ul style="list-style-type: none"> Temperature [°C] Air humidity [%] • Underlay • Sole-material • Pretreatment • Body-Voltage supplied condition <ul style="list-style-type: none"> 1. Measurement [kV] 2. Measurement [kV] 3. Measurement [kV] Mean value [kV] • Assessment according to EN 14041:2007 • Issue Date of Standard: 2012-07 • Measurement uncertainty [%] 	<p style="text-align: center;">1</p> <p style="text-align: center;">23</p> <p style="text-align: center;">25</p> <p style="text-align: center;">isolated rubber mat on metal plate</p> <p style="text-align: center;">XS-664P Neolite</p> <p style="text-align: center;">testing in supplied condition</p> <p style="text-align: center;">- 1,4</p> <p style="text-align: center;">- 1,3</p> <p style="text-align: center;">- 1,4</p> <p style="text-align: center;">- 1,4</p> <p style="text-align: center;">antistatic</p> <p style="text-align: center;">30.00</p>

#1
Una Level WT

<p>Horizontal Resistance ISO 10965</p> <ul style="list-style-type: none"> • Number of specimen • Conditioning <ul style="list-style-type: none"> Temperature [°C] Air humidity [%] • Testing climate <ul style="list-style-type: none"> Temperature [°C] Air humidity [%] • Measuring voltage [V] • Horizontal resistance <ul style="list-style-type: none"> Specimen 1 1st measurement [Ω] Specimen 1 2nd measurement [Ω] Specimen 2 1st measurement [Ω] Specimen 2 2nd measurement [Ω] Specimen 3 1st measurement [Ω] Specimen 3 2nd measurement [Ω] Geom. Mean value [Ω] • Assessment according to EN 14041:2007 • Explanation to the result notation: Results shown in exponential notation (e.g. "E2" = "10²") • Issue Date of Standard: 2011-07 	<p style="text-align: center;">3</p> <p style="text-align: center;">23</p> <p style="text-align: center;">25</p> <p style="text-align: center;">23</p> <p style="text-align: center;">25</p> <p style="text-align: center;">500</p> <p style="text-align: center;">3,0 E13</p> <p style="text-align: center;">6,0 E12</p> <p style="text-align: center;">5,0 E12</p> <p style="text-align: center;">2,5 E13</p> <p style="text-align: center;">3,0 E13</p> <p style="text-align: center;">5,5 E12</p> <p style="text-align: center;">1,2 E13</p> <p style="text-align: center;">-</p>
<p>Vertical Resistance ISO 10965</p> <ul style="list-style-type: none"> • Number of specimen • Conditioning <ul style="list-style-type: none"> Temperature [°C] Air humidity [%] • Testing climate <ul style="list-style-type: none"> Temperature [°C] Air humidity [%] • Measuring voltage [V] • Vertical resistance <ul style="list-style-type: none"> Specimen 1 1st measurement [Ω] Specimen 1 2nd measurement [Ω] Specimen 2 1st measurement [Ω] Specimen 2 2nd measurement [Ω] Specimen 3 1st measurement [Ω] Specimen 3 2nd measurement [Ω] Geom. Mean value [Ω] • Assessment according to EN 14041:2007 • Issue Date of Standard: 2011-07 	<p style="text-align: center;">3</p> <p style="text-align: center;">23</p> <p style="text-align: center;">25</p> <p style="text-align: center;">23</p> <p style="text-align: center;">25</p> <p style="text-align: center;">500</p> <p style="text-align: center;">1,5 E12</p> <p style="text-align: center;">8,0 E11</p> <p style="text-align: center;">2,0 E12</p> <p style="text-align: center;">8,5 E11</p> <p style="text-align: center;">7,5 E11</p> <p style="text-align: center;">1,5 E12</p> <p style="text-align: center;">1,2 E12</p> <p style="text-align: center;">-</p>

4 Remarks

Period of Validity

There are no regulations concerning duration of validity in the individual test standards. As the results of the examinations refer only to the submitted and examined samples, the report is valid for these for an unlimited period. A period of validity specified as part of an expert evaluation is in the discretion of the consultant or OETI. The applicability of results and expert evaluations for materials not tested is in the responsibility of the applicant. Whereby an apportionment of results as well as any specified period of validity can only be done for identically constructed products and only as long as the product is produced unchanged. Possible national or international restrictions concerning the terms of usability of test and classification reports have to be considered; this is not the responsibility of the test laboratory.

Sample Material

Results of performed tests only refer to the sample material provided. The testing period is defined as timeframe between receipt of samples and issue date of test report. Without explicit written other agreement testing is destructive and the sample material is transferred to the property of OETI, which is entitled to freely decide on storage and disposal.

Issuing

This test report is only issued as a PDF. Translations will be marked accordingly on the cover sheet.

Quality Management, Accreditation And Notification

All tests and services are performed under a quality management system according to EN ISO/IEC 17025. OETI is accredited as Testing Laboratory and Certification Body for products. It also is a Notified Body (NB0534). (see <http://ec.europa.eu/enterprise/newapproach/nando/>). Accreditation was provided by Akkreditierung Austria. The scope of accreditation is listed on www.oeti.biz. Due to the system for the mutual recognition of national accreditations (ILAC/IAF), this accreditation is valid worldwide.

Statements of conformity are based on the specifications of the specified standard. The “simple acceptance rule” applies, that means the measurement uncertainty is stated for the statement of conformity, but not taken into account.

In this report individual non-accredited test procedures are marked with *. Nevertheless, the analysis was also carried out for these parameters at the same level of quality as for the accredited parameters. The accreditation marking refers to the time of the first issuance of the report.

According to the decree on the use of the accreditation mark (“AkkZV”) the accredited Conformity Assessment Body is the only one to use the accreditation mark. Application of the registration number of the Notified Body: As to personal protective equipment (PPE) the requirements of Regulation (EU) 2016/425 have to be kept. With construction products the application is only permitted within the declaration of performance for CE-marking.

Copyright And Usage Notes

It is pointed out, that any alterations, amendments or falsifications of reports not authorized by the issuer of the report will be prosecuted as civil and criminal offences; this especially to the appropriate requirements of ABGB, UrhG, UWG and criminal law and their respective international equivalents. Reports are protected under international copyright laws. Written consent of the OETI GmbH is required for publications (also in excerpt) and reference to tests for public relation purposes. Reports may only be reproduced in full length.

End of Report