



**TEXTILNÍ ZKUŠEBNÍ ÚSTAV, s.p.**  
(TEXTILE TESTING INSTITUTE)

Václavská 6, 658 41 Brno, Czech Republic  
Certification body for the certification of products No. 3044  
accredited by CAI according to EN ISO/IEC 17065

issues



**C E R T I F I C A T E**

**No. 17 – 051**

Client: **Vescom B.V., Sint Jozefstraat 20, 5753 AV Deurne, Netherlands**

Product: **Curtains and drapes – home textiles**  
**- CHIRA**

Material composition: 100 % Polyester Trevira CS  
Mass per unit area: 45 g.m<sup>-2</sup>

**This certificate shows the conformity of the product with the following technical specification:**

- **EN 13773:2003 Textiles and textile products - Burning behaviour - Curtains and drapes - Classification scheme**

Testing according to: **EN 1101:1995, EN 13772:2011**

**It is certified,**

**that assessed product meets the requirements of the technical standard EN 13773, class 1 regarding the burning behaviour.**

**The product does not ignite and does not burn in defined conditions.**

Certification system: Type testing and inspection (certification scheme No. 2 to EN ISO/IEC 17067).

This Certificate is issued within the scope of accreditation of Certification Body. The base for the Certificate is the Final Protocol No. COV/17/135 from 05.05.2017 issued by Certification Body Textile Testing Institute in Brno. Final Protocol is an inseparable part of the Certificate.

Validity up to: 31.05.2020

Certificate issued: Brno 05.05.2017



Ing. Svatava Horácková  
Head of Certification Body





Textilní zkušební ústav

(Textile Testing Institute)  
Václavská 6, 65841 Brno, Česká republika

**TESTING LABORATORY NO. 1001**  
accredited according to EN ISO/IEC 17025:2005 by Czech institute for accreditation

# TEST REPORT

**AZL 17 /0503**

**CUSTOMER :** Vescom B.V.  
Sint Jozefstraat 20  
5753 AV Deurne  
Netherlands

**SAMPLE :** Drapes CHIRA  
(according to the customer order) Mass per unit area : 45 g.m<sup>-2</sup>  
Fibre composition: 100% polyester Trevira CS  
Colour : white

**SUBJECT OF ASSESSMENT :** Ignitability, measurement of flame spread with large ignition source

**CONDITIONS OF  
APPLICATION OF THE TEST  
REPORT :**

Test Report contains results of the tests related to the submitted sample only. Sampling has been done by customer. The Report may not be reproduced in any way other than as a complete set. Reproduction of certain parts of the Report is subject to approval of the test laboratory, which has issued it. All information about subcontracted tests results or unaccredited test methods is presented in text part of the test report. This Report is a literal translation of the Czech version.

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## PROCEDURE OF ASSESSMENT

**Cleaning and drying procedure used :** 12 washing in according with method EN ISO 6330, procedure 3N(30±3)°C

### **Textiles and textile products – Burning behaviour – Curtains and drapes – Detailed procedure to determine the ignitability of vertically oriented specimens (small flame)**

was determined according to **EN 1101**

- Conditioning : relative humidity (65 ± 5) %, temperature (20 ± 5)°C
- Standard atmosphere for testing: relative humidity 47 %, temperature 23°C
- Dimensions of the sample: 200 x 80 mm
- Position sample: on the edge in angle 30°
- Used gas: propane
- Time of flame application: 10 s

Results: ignition time in s

### **Textiles and textile products – Burning behaviour – Curtains and drapes – measurement of flame spread of vertically oriented specimens with large ignition source**

was determined according to **EN 13772**

- Conditioning : relative humidity (65 ± 5) %, temperature (20 ± 5)°C
- Standard atmosphere for testing: relative humidity 47 %, temperature 23°C
- Dimensions of the sample: 560 x 170 mm
- Position sample: on the edge in angle 30°
- Used gas: propane
- Time of radiation application: 30 s
- Time of flame application: 10 s
- Number of specimens tested: 4 Warp, 4 Weft (before washing and after washing)

Results: Burning time to the first and third marker thread, maximum damaged length and flaming debris





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### TEST RESULTS

<b>Drapes CHIRA</b> Mass per unit area : 45 g.m <sup>-2</sup> Fibre composition: 100% polyester Trevira CS Colour : white				
Characteristics	Test method	Measuring unit	Values found warp / weft	
<b>Ignitability</b> <ul style="list-style-type: none"><li>Flame application time 20 s<ul style="list-style-type: none"><li>number of ignited samples</li><li>number of non-ignited samples</li></ul></li></ul> <b>Average ignition time</b>	EN 1101	s	<b>before and after washing</b>	
			0 / 0 5 / 5 0 / 0	
<b>Burning time</b> <ul style="list-style-type: none"><li>to the first marker thread</li><li>to the third marker thread</li><li>maximum damaged length</li><li>flaming debris</li></ul>	EN 13772	s	<b>before washing</b>	<b>after washing</b>
		s	0 / 0	0 / 0
		s	0 / 0	0 / 0
		mm	65* / 75*	85* / 110*
			no / no	no / no

\* Tested samples do not ignite, the hole formed at the point of contact with the flame.

Renata Čermáková  
Deputy Head of Testing Laboratory







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## FINAL PROTOCOL

No.: COV/17/135

Client: **Vescom B.V., Sint Jozefstraat 20, 5753 AV Deurne, Netherlands**

Product: **Curtains and drapes**  
**- CHIRA 8053 (100% Polyester Trevira CS, 45 g.m<sup>-2</sup>)**

Evaluated according to:

- **EN 13773:2003 Textiles and textile products - Burning behaviour - Curtains and drapes - Classification scheme**

Testing according to: **EN 1101:1997, EN 13772:2011**

Conclusion: **Evaluated product complies with the requirements of technical specification mentioned above.**  
**Evaluated product meets requirements of the technical standard EN 13773, class 1 regarding the burning behaviour.**  
**Evaluated product does not ignite and burn in defined conditions.**

Terms of Protocol application:

This Protocol applies to the product mentioned above and can be used only for this product. The Protocol must only be published in unshortened form. The Client can publish a part of the Protocol only if approved by the Certification body for the certification of products No. 3044 TZU.

Certification Contract: No. COV/16/05, Annex No. 10

Number of pages: 3 pages

Date of Protocol issue: 05.05.2017

Protocol issued by:

Bc. Ivana Lustigová  
Certification Department

Protocol checked by:

Ing. Svatava Horáčková  
Head of certification department





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## 1. General data

### 1.1 Data on the client

The client is a company **Vescom B.V., Sint Jozefstraat 20, 5753 AV Deurne, Netherlands.**  
Producer is a company Müller Zell GmbH, Karl-Reichel-Str. 28, 95237 Weissdorf, Germany.  
Producer has provided documentation for certification for a company Vescom B.V.

### 1.2 Data on the product

Evaluated product is drapes and curtains (home textiles) made of Polyester Trevira CS. Subject matter of the certification is burning behaviour - it means assessment of the ignitability and flame spread and classification of products according to burning behaviour.

Construction parameters of product are shown in Table No. 1.

Table No. 1: Construction parameters

No.	Material	Material composition	Mass per unit area
1	CHIRA (8053)	100% Polyester Trevira CS	45 g.m <sup>-2</sup>

Material was tested as new and after 12 cycles of washing 30 °C.

### 1.3 Data on type of certification

Evaluation of product is performed according to **certification scheme No. 2 (EN ISO/IEC 17067)** - it means type testing of products and regular inspection.

## 2. Verification of product conformity with requirements of the technical standard

### 2.1 Evaluated characteristics

Material was assessed and classified in reference to burning behaviour according to following specification:

- **EN 13773 Textiles and textile products - Burning behaviour - Curtains and drapes - Classification scheme**

Used test methods are described in Table No. 2.

Table No. 2: Evaluated characteristics and used test methods

Characteristic	Test method
Ignitability	EN 1101
Flame spread	EN 13772

### 2.2 Test results and evaluation

Test results compared with the requirements of technical specification EN 13773 are shown in the Table No. 3.

Classification is performed according to requirements of EN 13773 in scope of five classification classes (class 1 – the best level, class 5 – the lowest level).







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Table No. 3: Test results and evaluation – CHIRA

Characteristic	Test method	Measur. unit	Value required	Value identified CHIRA		Assessment
<b>Ignitability of curtains</b> - ignition in flame application time 20 s - average ignition time	EN 1101	- s	(class 1) No ignition	warp / weft <b>No ignition occurred</b> <b>0</b>		<b>S</b>
<b>Flame spread - burning time</b> - time to first marker thread - time to third marker thread - maximum damaged length - flaming debris	EN 13772	s s mm -	(class 1) 0 0 - No debris	before washing 0 / 0 0 / 0 65 / 75 no / no	after washing 0 / 0 0 / 0 85 / 110 no / no	<b>S</b>

Legend: S - satisfy

### 2.3 Assessment of test results

Tested sample meets requirements of following technical specification, it does not ignite and does not burn in defined conditions. Material meets requirements of the technical standard EN 13773, class 1 regarding the burning behaviour.

### 3. Conclusions

Evaluated material of company Vescom B.V. made of Polyester Trevira CS meets requirements of following technical specification:

- **EN 13773:2003 Textiles and textile products - Burning behaviour - Curtains and drapes - Classification scheme (class 1)**

**It can be stated that drapes and curtains do not ignite and do not burn in application of flame for application time 20 s. They can be classified as class 1 according to EN 13773.**

On the base of findings mentioned in this Final Protocol the Certificate will be issued.

The inspection shall be carried out by testing of some important characteristics of product once a year and half. The inspection can be carried out at random too. Inspection report shall be elaborated and will be handed over to the certificate holder.

The validity of Certificate is conditioned by satisfactory results of inspection.

### 4. Documents applied for this Final protocol

1. Application for certification No. COV/17/135 from 18.04.2017.
2. Technical specification mentioned in this Final Protocol.
3. Test reports issued by accredited laboratory of TZÚ Brno:
  - AZL 17/0503 from 05.05.2017.

