

FLAMMABILITY TEST REPORT

Report No.: LEI20093054A **Date Received:** 30/09/20 **Date Tested:** 02/10/20 **1st Date Issued:** 02/10/20
Supplementary **Supplementary Issued:**
26/11/20

Company Name & Address:

DELIUS GMBH & CO. KG
GOLDSTRABE 16-18
DE-33602 BIELEFELD
GERMANY

Contact Name:

P. BAUMHÖFNER

Sample Details

Reference No.: Not stated
Order No.: 766
Style No.: Not stated
Batch No.: Not stated
Quality: Amike
Colour: Not stated
Supplier: Delius GmbH & Co. KG
End Use: Drapes and curtains
Quoted Fibre Composition: 100% PES Trevira CS
Retailer: Not stated
Buying Division: Not stated
Sample Description: Yellow coloured woven fabric

Test Method	Pre Treatment	Performance Requirement	Result
IMO FTP Code (2010) Annex 1, Part 7: Test for Vertically Orientated Support Textiles and Films	None – The scope states that “fabrics which are not inherently flame resistant should be exposed to cleaning or exposure procedures”	IMO FTP Code (2010) Annex 1, Part 7, Clause 3	PASS

Note: The fabric supplied was tested with no pre-treatments at the request of the customer.

Please note: The testing was carried out in the ISO 6941 environment

.....
STEVEN OWEN
(Technical & Operational)


.....
ANDREW HALLETT
(Flammability Team Leader)

.....
CAROLE SPOWART
(Flammability)

.....
GREGORY JAMES
(Flammability Technician)

FLAMMABILITY TEST REPORT

Excellence Manager)

Administrator)

Additional Information (Annex)

Name and Address of the Sponsor: Not Stated
Name and Address of the Manufacturer/Supplier (If known): Delius GmbH & Co. KG
Type of Furniture: Not Stated
Fabric Details – Weave/Density/Yarn count/thickness(mm)/mass(g/m²) Colour & Tone: Not Stated
Fire Retardant Treatment: Not Stated

Test Specification

Test Method: IMO FTP Code (2010) Annex 1, Part 7
Ignition Source: 40mm high Propane gas flame
Ignition Type: Surface ignition (as determined by the pre-test)
Flame Application Time: 15 seconds (as determined by the pre-test)
Sample Size: 220 x 170mm
Side Tested: Face

Uncertainty of Measurement

The uncertainty of measurement has been estimated to be 4.40%

Pre-treatment / Durability Procedure

None – At the request of the customer.

Conditioning

Prior to Testing: At least 24 hours in an atmosphere having a temperature of 20±5°C. and a relative humidity of 65±5%

At Time of Testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 65%

Test Results

Report of tests carried out in accordance IMO FTP Code (2010) Annex 1, Part 7.

"The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use."

Sample No./ Direction	Duration of flaming (Secs)	Duration of afterglow (Secs)	Flaming debris	Flame to edge	Hole to edge	Maximum damaged length (mm)		Average Damage Length (mm)
						Horizontal	Vertical	
1. Length ↑	0.0	0.0	No	No	No	21	93	93.8
2. Length ↓	0.0	0.0	No	No	No	22	98	
3. Length ↑	0.0	0.0	No	No	No	22	90	
4. Length ↓	0.0	0.0	No	No	No	21	93	
5. Length ↑	0.0	0.0	No	No	No	21	95	
6. Width →	0.0	0.0	No	No	No	23	93	90.6
7. Width ←	0.0	0.0	No	No	No	19	90	
8. Width →	0.0	0.0	No	No	No	21	92	
9. Width ←	0.0	0.0	No	No	No	21	80	
10. Width →	0.0	0.0	No	No	No	22	98	

Report No.: LEI20093054A Supplementary Page 2 of 3

FLAMMABILITY TEST REPORT

Revisions To Test Report:

<u>Sample Details</u>	Original Detail(s)	Revised Detail(s)
Quality:	30941-019 Deko Scandi	Amike

The client acknowledges and agrees that any services provided and/or reports produced by Intertek are done so within the limits of the scope of work agreed pursuant to the client's specific instructions. This report relates specifically to the sample(s) tested that were drawn and delivered by the client or their nominated third party. Intertek does not make any representation or warranty for any bulk samples or certify the bulk samples received from the client. Furthermore, Intertek does not provide a warranty or verification on the sample(s) representing any specific goods, material and/or shipment and only relate to the sample(s) as received and tested. Intertek have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. In no event, will the contents of any reports or any extracts, excerpts or parts of any reports be distributed or published without the prior written consent of Intertek in each instance. Only the client is authorized to permit copying or distribution of this report (and then only in its entirety). Any such third parties to whom this report may be circulated rely on the content of the report solely at their own risk.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.

PROCES-VERBAL DE CLASSEMENT DE REACTION AU FEU D'UN MATERIAU

Valable 5 ans à compter du 18/11/2020

Selon l'arrêté du 21 novembre 2002 relatif à la réaction au feu des produits de construction et d'aménagement
Laboratoire agréé du Ministère de l'Intérieur (arrêté du 23/03/2010 modifiant l'arrêté du 05/02/1959 modifié)

Procès-verbal n° DO-20-2306\A-R1

Matériau présenté par: DELIUS GmbH & Co. KG
Goldstraße 16 - 18
33602 Bielefeld
Allemagne

Référence commerciale: Amike

Description sommaire : Tissu 100% polyester Trevira CS
Mode de fixation : Sans fixation
Substrat : Sans substrat
Face exposée : Les 2 faces
Application : Bâtiment Français
Épaisseur nominale totale : 0.55 mm (déclarée par le client).
Masse surfacique : 240 g/m² (déclarée par le client).
Coloris testés : Crème (1001) (le plus clair de la gamme) / Jaune (2001) (coloris intermédiaire de la gamme) / Vert (6001) (le plus foncé de la gamme).
Coloris validés : Tous coloris de la gamme

Nature de l'essai : NF P 92-503 - Essai à la bougie électrique
NF P 92-504 - Essai de persistance de flamme
NF P 92-505 - Essai de chute de gouttes

Référence du rapport d'essai : DO-20-2306\A-R1 du 18/11/2020

Classement :

M1

Durabilité du classement : Non limitée a priori

Compte tenu des critères résultants des essais décrits dans le rapport annexé.

Ce procès-verbal atteste uniquement des caractéristiques de l'échantillon soumis aux essais et ne préjuge pas des caractéristiques de produits similaires. Il ne constitue donc pas une certification de produits au sens de l'article L. 115-27 du code de la consommation et de la loi du 3 juin 1994.

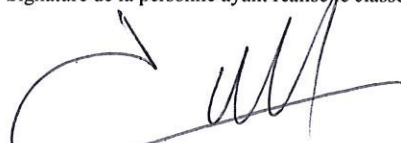
Valable pour toute application pour laquelle le produit n'est pas soumis au marquage CE

Valable sur la face d'usage pour toute application non couverte par l'article AM18 du règlement ERP concernant les sièges rembourrés »

A Bruay-la-Buissière, le 18/11/2020

Signé

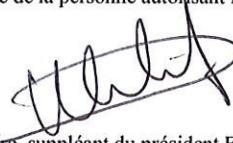
Signature de la personne ayant réalisé le classement



Thomas TURF
Ingénieur praticien

Approuvé

Signature de la personne autorisant le présent rapport



Pour ordre, suppléant du président Franck POUTCH
Skander KHELIFI
Responsable technique



CREPIM
Société par Actions Simplifiée -792 178 816 R.C.S. ARRAS
Siege social : Parc de la Porte Nord - rue Christophe Colomb.
62700 BRUAY LA BUISSIÈRE France
Tél.: 03.21.61.64.00 Fax : 03.21.61.64.01
E-mail : contact@crepim.fr www.crepim.fr
SIRET 792 178 816 00015 / APE 7112B / T.V.A. FR85 792 178 816

CLASSIFICATION REPORT FOR FIRE BEHAVIOUR OF A MATERIAL

Validity 5 years from 18/11/2020

According to the Decree of 21st of November 2002 on the reaction to fire performance of construction and furniture
Laboratory approved by Ministry of Interior (Decree of 23/03/2010 amending the decree of 05/02/1959 as amended)

« En cas de litige, seule l'édition originale en français du présent procès-verbal fait foi »

Non official Certificate - English translation of attached official Procès-Verbal n° DO-20-2306\A-R1

Material submitted by: DELIUS GmbH & Co. KG
Goldstraße 16 - 18
33602 Bielefeld
Germany

Commercial reference: Amike

Brief description: 100% polyester Trevira CS fabric
Fixation method : Without fixing method
Substrate : Without substrate
Exposed face : Both faces
Field of application: French Building
Total nominal thickness: 0.55 mm (declared by sponsor).
Surface density: 240 g/m² (declared by sponsor).
Tested colors : Cream (1001) (highest color of the range) / Yellow (2001) (intermediate color of the range) / Green (6001) (darkest color of the range).
Validated colors: All colors of the range

Type of test: NF P 92-503 – Electric candle test
NF P 92-504 – Flame persistence test
NF P 92-505 – Dripping test

Reference of test report: DO-20-2306\A-R1 dated on 18/11/2020

Classification:

M1

Durability of classification: Not limited in theory.

Thanks to criteria resulting from tests described in the attached report.

This certificate attests only characteristics of the tested sample and does not prejudge characteristics of similar products. It is therefore not a product certification within the meaning of article L. 115-27 of the consumer code and the act of June 3, 1994.

Valid for applications not covered by EC marking

Valid on the face of use for any application not covered by article AM18 of the ERP regulation concerning the padded seats

Bruay-la-Buissière, 18/11/2020

Signed

Signature of the person who realize the classification

Thomas TURF
Engineer

Approved

Signature of the person who authorize the report

Under approval of the president Franck POUTCH
Skander KHELIFI
Technical Manager

Rapport N° / Report N° DO-20-2306\A-R1 émis le / edited the 18/11/2020

Résultats suivant / Results according to NF P 92-503 : 1995


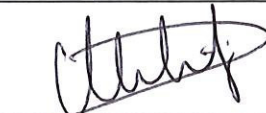
Date de réception / Reception Date :	13/10/2020
Date de l'essai / Test date :	20/10/2020
Conditionnement / Conditioning :	23 ± 2 °C, 50 ± 5 % HR
Dimension des échantillons / Samples dimensions (mm) :	600 mm x 180 mm
Epaisseur / Thickness (mm) :	0.55

L'accréditation du COFRAC atteste de la compétence des laboratoires pour les seuls essais couverts par l'accréditation / COFRAC accreditation attests competence of the laboratories for the only tests covered by the accreditation

	Essai / Test 1	Essai / Test 2	Essai / Test 3	Essai / Test 4	Essai / Test 5	Essai / Test 6	Essai / Test 7	Essai / Test 8
Couleur / Color	Jaune / Yellow	Jaune / Yellow	Jaune / Yellow	Jaune / Yellow	Crème / Cream	Crème / Cream	Vert / Green	Vert / Green
Face exposée / Exposed face	Endroit / Frontside	Endroit / Frontside	Envers / Backside	Envers / Backside	Endroit / Frontside	Endroit / Frontside	Endroit / Frontside	Endroit / Frontside
Sens / Direction	Trame / Weft	Chaîne / Warp	Trame / Weft	Chaîne / Warp	Chaîne / Warp	Chaîne / Warp	Chaîne / Warp	Chaîne / Warp
Masse de l'échantillon / Sample mass (g)	23,1	23,2	23,1	23,3	22,2	22,5	23,2	24,2
Durée de l'inflammation / Flame duration (s)	/	/	/	/	/	/	/	/
Points incandescents / Glowing spots?	Non/No	Non/No	Non/No	Non/No	Non/No	Non/No	Non/No	Non/No
Chute de gouttes / Dripping?	Non/No	Non/No	Non/No	Non/No	Non/No	Non/No	Non/No	Non/No
Gouttes enflammées / Flaming droplets?	Non/No	Non/No	Non/No	Non/No	Non/No	Non/No	Non/No	Non/No
Percement / Piercing	Oui/Yes	Oui/Yes	Oui/Yes	Oui/Yes	Oui/Yes	Oui/Yes	Oui/Yes	Oui/Yes
Distance maximale de carbonisation / Maximal length destroyed (mm)	140	150	140	150	140	135	140	110
Largeur maximale de carbonisation / Maximal width destroyed (mm)	/	/	/	/	/	/	/	/

Observations / Remarks :	Percement sans inflammation de l'ensemble des échantillons : les essais complémentaires suivant les normes NF P 92-504 et NF P 92-505 sont requis pour déterminer le classement M du produit. / Piercing without ignition of all the samples : complementary tests according to the standards NF P 92-504 and NF P 92-505 are required to determine M classification.
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L'attention est attirée sur le fait que les résultats obtenus avec l'échantillon objet du présent rapport d'essais ne sont pas généralisables sans justification de la représentativité des échantillons et essais. Le rapport d'essai ne concerne que l'objet soumis à l'essai. Ces résultats d'essais rendent compte du comportement des éprouvettes d'un matériau soumis à des conditions spécifiques d'essai; ils ne prétendent pas représenter le seul critère d'évaluation du danger potentiel de contribution à l'incendie que présente le produit dans les conditions d'utilisation. / Attention is drawn to the fact that the results obtained with the sample that is the subject of this test report cannot be generalized without justification of the representativity of the samples and tests. The test report only concerns the object under test. These test results account for the behavior of specimens of a material subject to specific test conditions; they do not purport to represent the only criterion for assessing the potential fire hazard posed by the product under the conditions of use

Responsable de l'Essai / Test Officer :	Mourad ALIOUA	
Responsable Technique / Technical Manager :	Skander KHELIFI	

Rapport N° / Report N° DO-20-2306\A-R1 émis le / edited the 18/11/2020

Résultats suivant / Results according to NF P 92-504 : 1995

Date de réception / Reception Date :	13/10/2020
Date de l'essai / Test date :	20/10/2020
Conditionnement / Conditioning :	23 ± 2 °C, 50 ± 5 % HR
Dimension des échantillons / Samples dimensions (mm) :	460 mm x 230 mm
Epaisseur / Thickness (mm) :	0.55


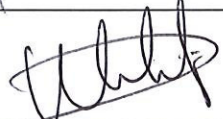
L'accréditation du COFRAC atteste de la compétence des laboratoires pour les seuls essais couverts par l'accréditation / COFRAC accreditation attests competence of the laboratories for the only tests covered by the accreditation

Echantillons / Samples	Couleur / Color	Nombre de persistances / Number of afterflaming	Persistance / Afterflaming (s)	Chute de gouttes / Dripping	Gouttes enflammées / Flaming drips
Echantillon / Sample 01	Crème / Cream	0	/	Non/No	Non/No
Echantillon / Sample 02	Crème / Cream	0	/	Non/No	Non/No
Echantillon / Sample 03	Jaune / yellow	0	/	Non/No	Non/No
Echantillon / Sample 04	Jaune / yellow	0	/	Non/No	Non/No
Echantillon / Sample 05	Vert / Green	0	/	Non/No	Non/No
Echantillon / Sample 06	Vert / Green	0	/	Non/No	Non/No

Persistance maximale / Maximal afterflaming (s)
/

Observations / Remarks :	Aucune persistance de flamme observée lors des différentes applications du brûleur. / No afterflaming reported.
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L'attention est attirée sur le fait que les résultats obtenus avec l'échantillon objet du présent rapport d'essais ne sont pas généralisables sans justification de la représentativité des échantillons et essais. Le rapport d'essai ne concerne que l'objet soumis à l'essai. Ces résultats d'essais rendent compte du comportement des éprouvettes d'un matériau soumis à des conditions spécifiques d'essai; ils ne prétendent pas représenter le seul critère d'évaluation du danger potentiel de contribution à l'incendie que présente le produit dans les conditions d'utilisation. / Attention is drawn to the fact that the results obtained with the sample that is the subject of this test report cannot be generalized without justification of the representativity of the samples and tests. The test report only concerns the object under test. These test results account for the behavior of specimens of a material subject to specific test conditions; they do not purport to represent the only criterion for assessing the potential fire hazard posed by the product under the conditions of use

Responsable de l'Essai / Test Officer :	Mourad ALIOUA	
Responsable Technique / Technical Manager :	Skander KHELIFI	

Rapport N° / Report N° DO-20-2306\A-R1 émis le / edited the 18/11/2020

Résultats suivant / Results according to NF P 92-505 : 1995


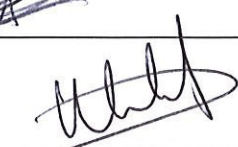
Date de réception / Reception Date :	13/10/2020
Date de l'essai / Test date :	20/10/2020
Conditionnement / Conditioning :	23 ± 2 °C, 50 ± 5 % HR
Dimension des échantillons / Samples dimensions (mm) :	70 mm x 70 mm
Epaisseur / Thickness (mm) :	0.55

L'accréditation du COFRAC atteste de la compétence des laboratoires pour les seuls essais couverts par l'accréditation / COFRAC accreditation attests competence of the laboratories for the only tests covered by the accreditation

Echantillons / Samples	Echantillon / Sample 01	Echantillon / Sample 02	Echantillon / Sample 03	Echantillon / Sample 04	Echantillon / Sample 05	Echantillon / Sample 06
Couleur / Color	Crème / Cream	Crème / Cream	Jaune / Yellow	Jaune / Yellow	Vert / Green	Vert / Green
Masse / Weight (g)	2.4	2.2	2.3	2.2	2.2	2.2
Epaisseur / Thickness (mm)	1.1	1.1	1.1	1.1	1.1	1.1
Nombre d'éprouvettes exposées / Number of samples exposed	2	2	2	2	2	2
Inflammation échantillon / Ignition of the sample	Non / No	Non / No	Non / No	Non / No	Non / No	Non / No
Temps d'inflammation de l'échantillon / Time to ignition (s)	/	/	/	/	/	/
Durée d'inflammation de l'échantillon / Duration of sustained flame (s)	/	/	/	/	/	/
Chute de gouttes / Dripping	Oui / Yes	Oui / Yes	Oui / Yes	Oui / Yes	Oui / Yes	Oui / Yes
Gouttes enflammées / Flaming drips	Non / No	Non / No	Non / No	Non / No	Non / No	Non / No
Inflammation de la ouate / Ignition of cotton wool	Non / No	Non / No	Non / No	Non / No	Non / No	Non / No

Observations / Remarks :	/
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L'attention est attirée sur le fait que les résultats obtenus avec l'échantillon objet du présent rapport d'essais ne sont pas généralisables sans justification de la représentativité des échantillons et essais. Le rapport d'essai ne concerne que l'objet soumis à l'essai. Ces résultats d'essais rendent compte du comportement des éprouvettes d'un matériau soumis à des conditions spécifiques d'essai; ils ne prétendent pas représenter le seul critère d'évaluation du danger potentiel de contribution à l'incendie que présente le produit dans les conditions d'utilisation. / Attention is drawn to the fact that the results obtained with the sample that is the subject of this test report cannot be generalized without justification of the representativity of the samples and tests. The test report only concerns the object under test. These test results account for the behavior of specimens of a material subject to specific test conditions; they do not purport to represent the only criterion for assessing the potential fire hazard posed by the product under the conditions of use

Responsable de l'Essai / Test Officer :	Mourad ALIOUA	
Responsable Technique / Technical Manager :	Skander KHELIFI	



Freigabe für die Marke Trevira CS®

Delius GmbH & Co. KG
Goldstraße 16-18
33602 Bielefeld
Deutschland

Antrags-Nr.: 191170.2
Freigabedatum: 18.01.2021
Gültig bis: 06.11.2024

Artikel: Amike
Einsatzgebiet: Dekostoff
Flächengewicht (g/m²): 247
laut Kundenangabe
Rohstoffzusammensetzung: Polyester 100%
Flächenzusammensetzung: Trevira CS 100%

Der Artikel Amike col. 527 wurde unter der Trevira Antragsnr. 191170 getestet und erhält die Freigabe für die Marke Trevira CS® für den Einsatz im Innenraum.

Der Artikel wurde nach DIN 4102 Teil 1, 6.2 geprüft und erfüllt damit auch die Anforderungen der Brandklasse DIN 4102-B1.

Der Artikel wurde nach der EN 1101 getestet und erfüllt damit auch die Anforderungen der Klasse 1 nach EN 13773.

Der Artikel erfüllt die Anforderungen der nordamerikanischen Norm NFPA 701: 2010 Test Method #1. Test Report Govmark, New York No. 2-94779, 2-94780, 2-94781.

Dieser Artikel erfüllt auch die Anforderungen der englischen Norm BS 5867 Part 2 Type C.

Trevira GmbH
(Dieses Dokument ist ohne Unterschrift gültig.)



Approval of the Trademark Trevira CS®

Delius GmbH & Co. KG
Goldstraße 16-18
33602 Bielefeld
Germany

Application No.:	191170.2
Date of issue:	18.01.2021
Valid until:	06.11.2024
Article name:	Amike
End use:	Drapes
Square weight (g/m²):	247
According to customer specification	
Composition of the raw materials:	Polyester 100%
Composition of the fabric:	Trevira CS 100%

The article Amike col. 527 has been tested under the Trevira trademark application no. 191170 and is granted approval for the trademark Trevira CS® for interior use.

The article was tested according to DIN 4102 part 1, 6.2 and thus also meets the requirements for fire class DIN 4102-B1.

The article was tested according to EN 1101 and thus also meets the requirements for class 1 according to EN 13773.

This article also meets the requirements according to the North American standard NFPA 701: 2010 Test Method #1 (based on the Test Reports Govmark, New York No. 2-94779, 2-94780, 2-94781).

Thus meets also the requirements according to British Standard BS 5867 part 2 type C.

Trevira GmbH
(This document is valid without signature.)

Zertifikat

Nr. 44 317

Antragsteller: **TREVIRA GMBH**
Lyoner Straße 38 a
D-60528 Frankfurt am Main
DEUTSCHLAND

Antragsdatum: 2003-07-17

Musterbezeichnung: **Vorhangstoffe aus 100 % Trevira CS®**

Art des Musters: Vorhangstoffe (Flachgewebe),
Gewichtsbereich 20 g/m² bis 500 g/m²

Dieses Dokument bestätigt, dass oben angeführte Vorhangstoffe mit Prüfbericht Nummer 44 317 vom 28.07.2003 in diesem Labor geprüft wurden. Die Prüfung des Brennverhaltens in einmal gereinigtem Zustand erfolgte gemäß EN 13 772, wobei kein Brennen und keine Flammenausbreitung festgestellt werden konnte.

Vorhangstoffe aus 100 % Trevira CS®, Gewichtsbereich 20 g/m² bis 500 g/m² können daher in die

Klasse 1 gemäß EN 13 773

eingestuft werden.

Ing. Hanspeter Bauer
Fachverantwortlich

Wien, 2003-07-28

Dipl.Ing. Dr. Erich Zippel
Institutsleiter

OTI, Spengergasse 20, A-1050 Wien Tel.: +43-1-544 25 43-0 Fax: +43-1-544 25 43-10 email: office@oeti.at
Prüf- und Forschungsstelle Fußbodentechnik & Raumausstattung

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BLZ: 12000
214-103-788

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Angewandter UV-Schutz



Institut der
Internationalen
Gemeinschaft
Öko-Text



Notifizierte Prüf- und
Überwachungsstelle 0534
für Persönliche
Schutzausrüstung



Certificate

No. 44 317

Applicant: **TREVIRA GMBH**
Lyoner Straße 38 a
D-60528 Frankfurt am Main
DEUTSCHLAND

Date of application: 2003-07-17

Denomination: **Curtains consisting of 100 % Trevira CS®**

Description of the sample: Curtains (flat woven fabric),
Weight range 20 g/m² to 500 g/m²

This document confirms that the above named curtains were examined in this laboratory with test report number 44 317 of 28.07.2003. During examination of the burning behaviour after one cleaning procedure according EN 13772, no burning and no propagation of flames were determined.

Curtains consisting of 100 % Trevira CS®, Weight range 20 g/m² to 500 g/m² can be classified as

Class 1 according EN 13773

Vienna, 2003-07-28

Ing. Hanspeter Bauer
Manager for technical group

Dipl.Ing. Dr. Erich Zippel
General Manager

OTI, Spengergasse 20, A-1050 Wien, Tel.: +43-1-544 25 43-0, Fax: +43-1-544 25 43-10, email: office@oti.at
Prüf- und Forschungsstelle Fußbodentechnik & Raumausstattung

ÖZK-Akz.Nr. 512-12066
114 103 709
DIN-Normen 04 3 8 1 1 2
ÖZK-Normen
ATU 1438/05

EN 45001
Akreditiert
GZ 92714/
78-IX/2194



Institut der Internationalen Prüfungsgemeinschaft
Angewandter IV-Schutz



Institut der Internationalen Gemeinschaft Öko-Text



Notifizierte Prüf- und Überwachungsstelle 0534 für Persönliche Schutzausrüstung



Imposta di bollo
assolta



45586

ModB

Ministero dell' Interno

DIPARTIMENTO DEI VIGILI DEL FUOCO DEL SOCCORSO PUBBLICO E DELLA DIFESA CIVILE
DIREZIONE CENTRALE PER LA PREVENZIONE E LA SICUREZZA TECNICA
CENTRO STUDI ED ESPERIENZE

VISTO il Decreto Ministeriale 26 giugno 1984 concernente "Classificazione di reazione al fuoco ed omologazione ai fini della prevenzione incendi";

VISTI il Decreto Ministeriale 03 Settembre 2001, recante "Modifiche ed integrazioni al Decreto 26 giugno 1984 concernente classificazione di reazione al fuoco ed omologazione ai fini della prevenzione incendi" e il Decreto Ministeriale 28 maggio 2002 recante rettifiche al decreto medesimo;

VISTA l'istanza presentata dalla ditta DELIUS GmbH & Co.KG sita in Goldstraße,16-18 33602 BIELEFELD (GERMANIA), produttrice del materiale denominato "AMIKE" per ottenere l'omologazione del materiale stesso ai fini della prevenzione incendi;

VISTO il certificato di reazione al fuoco n. LSFIRE:U13883/02638 del 13/11/2020 emesso per il predetto materiale dal Laboratorio L.S.FIRE TESTING INSTITUTE S.r.l. di Oltrona di San Mamette (CO);

VISTA la scheda tecnica, allegata al predetto certificato, prodotta dalla ditta DELIUS GmbH & Co.KG di BIELEFELD (GERMANIA);

SI OMOLOGA

con il numero di codice EUD1579D10A100096, il prototipo del materiale denominato "AMIKE" prodotto dalla ditta DELIUS GmbH & Co.KG di BIELEFELD (GERMANIA), ai soli fini della prevenzione incendi, nella CLASSE di REAZIONE al FUOCO 1 (UNO) e se ne AUTORIZZA la riproduzione, ai sensi dei decreti ministeriali citati in premessa, conformemente a tutte le caratteristiche apparenti e non apparenti, nonché a quelle dichiarate dalla predetta ditta nella scheda tecnica parimenti citata in premessa.

Sul marchio o sulla dichiarazione di conformità, da allegarsi ad ogni tipo di fornitura del materiale oggetto della presente omologazione, dovranno essere riportati:

- NOME DEL PRODUTTORE: Ditta DELIUS GmbH & Co.KG (o altro segno distintivo);
- ANNO DI PRODUZIONE (da indicarsi);
- CLASSE DI REAZIONE AL FUOCO: 1 (UNO);
- CODICE: EUD1579D10A100096;
- POSA IN OPERA: SOSPESO SUSCETTIBILE DI PRENDERE FUOCO SU AMBO LE FACCE;
- IMPIEGO: SIPARI DRAPPEGGI TENDAGGI;
- MANUTENZIONE: METODO "A" COME DA UNI 9176 (1998).

Si richiamano tutti gli obblighi di legge spettanti al produttore e a tutti i soggetti comunque interessati, a norma del Codice Civile, del Codice Penale e dei decreti ministeriali 26 giugno 1984 e 3 settembre 2001.

Il presente atto, ad eccezione dei casi di decadenza e revoca dell'omologazione previsti dall'art. 9, punti 2 e 3, del D.M. 26/6/84, ha una validità di 5 anni dalla data di rilascio ed è rinnovabile alla sua scadenza.

Roma,

16 FEB 2021

IL DIRETTORE CENTRALE
(CAVRIANI)

Firmato in forma digitale ai sensi di legge



Fasc. 3807 sott.2056

**CERTIFICATO DI PROVA****L.S. FIRE : U13883/02638**

Emesso ai sensi dell'Art. 8 del decreto del Ministero dell'Interno del 26 giugno 1984 concernente "Classificazione di reazione al fuoco ed omologazione dei materiali ai fini della prevenzione incendi" modificata con decreto del Ministero dell'Interno del 03 settembre 2001 (G.U. n°242 del 17 ottobre 2001).

Visto l'esito degli accertamenti effettuati si certifica che al **MATERIALE**
(Allegato A 2.1)

Prodotta da: **Delius GmbH & Co KG**Goldstrasse, 16-18
33602 Bielefeld (DE)Denominato: **AMIKE**

Impiegato come: Tendaggi, Sipari, Drappaggi

Posa in opera : suscettibile di essere investito dalla fiamma su entrambe le facce

è attribuita in conformità alla UNI 9177 la

CLASSE DI REAZIONE AL FUOCO**1 (UNO)**

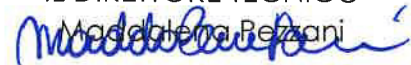
Il presente certificato è valido unicamente per la campionatura sottoposta a prova.

Costituiscono parte integrante del presente certificato n°2 (DUE)
documentazione tecnica del produttore.

allegati con i risultati di prova e la

Oltrona di san Mamette, 13-11-2020

IL DIRETTORE TECNICO



Il presente certificato di prova non può essere riprodotto in forma parziale senza l'autorizzazione di L.S. Fire Testing institute srl

DITTA COMMITTENTE : **Delius GmbH & Co KG**
 Goldstrasse, 16-18
 33602 - Bielefeld - DE

DENOMINAZIONE COMMERCIALE: **AMIKE**

METODO DI PROVA: UNI 8456

D.M.26/06/1984 modificato con D.M. 03/09/2001

Descrizione: VEGGASI ALLEGATA SCHEDA TECNICA

Posizione: Verticale

Materiale: ANISOTROPO

Posa in opera: suscettibile di essere investito dalla fiamma su entrambe le facce

Risoluzioni applicate: -

Preparazione: -UNI 9176 (gennaio 1998) - Metodo A

Tempo di applicazione della fiamma: 12 secondi

Provetta Numero	Tempo post-combustione		Tempo post-incandescenza		Zona Danneggiata		Gocciolamento	
	sec	Livello	sec	Livello	mm	Livello	rilevazione	Livello
1	0	1	0	1	45	1	Ass.	1
2	0	1	0	1	43	1	Ass.	1
3	0	1	0	1	37	1	Ass.	1
4	0	1	0	1	44	1	Ass.	1
5	0	1	0	1	28	1	Ass.	1
6	0	1	0	1	39	1	Ass.	1
7	0	1	0	1	35	1	Ass.	1
8	0	1	0	1	42	1	Ass.	1
9	0	1	0	1	33	1	Ass.	1
10	0	1	0	1	53	1	Ass.	1

PARAMETRI	Livello attribuito
Tempo di post-combustione	2
Tempo di post-incandescenza	1
Zona danneggiata	2
Gocciolamento	1

CATEGORIA
I

NOTE - Del presente Rapporto di Prova è parte integrante la Scheda tecnica redatta dal Produttore e vistata dal Direttore del Laboratorio.
 - Il presente Rapporto Tecnico di Prova si riferisce solamente al campione testato, un quantitativo del quale, sufficiente alla ripetizione della prova, è trattenuto presso il Laboratorio. In caso di uso del presente, la conformità della produzione al campione testato è Responsabilità del Richiedente.

Per "Livello Attribuito" si intende il livello ottenuto per ogni singolo parametro comprensivo del fattore moltiplicativo.

La categoria è stata assegnata sulla base dei livelli concordanti dei singoli parametri conseguiti da 10 provette su 10.

OLTRONA DI SAN MAMETTE 13/11/2020

IL DIRETTORE TECNICO

Madalena Pozzani

TE01RF01

L'ESECUTORE DELLE PROVE

Emma Viero

Emma Viero

Pag. 1 di 1

DITTA COMMITTENTE : **Delius GmbH & Co KG**
 Goldstrasse, 16-18
 33602 - Bielefeld - DE

DENOMINAZIONE COMMERCIALE: **AMIKE**

METODO DI PROVA: UNI 9174 (1987) - UNI 9174/A1 (1996)

D.M. 26/06/1984 modificato con D.M. 03/09/2001

Descrizione: VEGGASI ALLEGATA SCHEDA TECNICA.

Posizione: PARETE

Materiale: ANISOTROPO Senso Ordito lato A

Posa in opera: suscettibile di essere investito dalla fiamma su entrambe le facce

Risoluzioni applicate: -

Preparazione: -UNI 9176 (gennaio 1998) - Metodo A

		100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
Tempo (in secondi) per raggiungere la distanza di mm	Provetta n°	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Velocità media di propagazione della fiamma in mm/sec	Provetta n°	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6	-	-	-	-	-	-	-	-	-	-	-	-	-	-

		Velocità propagazione fiamma in mm/min		Zona danneggiata in mm		Tempo post-incandescenza in secondi		Gocciolamento	
		Valore	Livello	Valore	Livello	Valore	Livello	Valore	Livello
Provetta n°	4	0	1	0	1	0	1	Assente.	1
	5	0	1	0	1	0	1	Assente.	1
	6	0	1	0	1	0	1	Assente.	1

PARAMETRI	Livello attribuito
Velocità di propagazione fiamma	2
Tempo di post-incandescenza	1
Zona danneggiata	2
Gocciolamento	1

CATEGORIA
I

NOTE: Per "Livello Attribuito" si intende il livello ottenuto per ogni singolo parametro comprensivo del fattore moltiplicativo.
 - Del presente Rapporto di Prova è parte integrante la Scheda tecnica redatta dal Produttore e vistata dal Direttore del Laboratorio.
 - Il presente Rapporto Tecnico di Prova si riferisce solamente al campione testato, un quantitativo del quale, sufficiente alla ripetizione della prova, è trattenuto presso il Laboratorio. In caso di uso del presente, la conformità della produzione al campione testato è Responsabilità del Richiedente.

OLTRONA DI SAN MAMETTE 13/11/2020
 IL DIRETTORE TECNICO
Maddalena Pezzani

L'ESECUTORE DELLE PROVE
 Emma Viero
Emma Viero

TE01RF01

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SCHEDA TECNICA "C"

AZIENDA PRODUTTRICE: Delius GmbH & Co. KG
Goldstrasse, 16/18
33602 Bielefeld – DE

DENOMINAZIONE COMMERCIALE DEL MATERIALE: "Amike"

DESCRIZIONE: tessuto di arredamento prodotto in vari colori e disegni

Natura dei componenti: 100 % Polyester Trevira CS
Altezza: 300 cm. per lunghezza variabile
Peso: 230 gr/mq
Nm 2/40, 25 fili/cm in trama
Nm 2/50, 20 fili/cm in ordito
Lavorazione: tessitura

Si dichiara che la/i presente SCHEDA TECNICA
costituita/o da N° 1 pagine è stata/o
depositata/o dal produttore a corredo della
domanda di prova di reazione al fuoco ai
sensi della normativa vigente presso l'archivio
L.S.FIRE TESTING INSTITUTE S.r.l. e
allegata/o al certificato di reazione al fuoco
n. L.S. FIRE/U 13883/02038
del 13.11.2020

ASSIEMAGGIO DEI DIVERSI COMPONENTI: tessitura

POSA IN OPERA: sospeso suscettibile di prendere fuoco su ambo le facce

IMPIEGO: tendaggi, sipari, drappaggi

MANUTENZIONE: Metodo "A" secondo norma UNI 9176 (1998) ai sensi del D.M. 03.09.2001

Si dichiara che il prodotto commercialmente denominato "Amike" è anisotropo a facce diverse.

Data, 21.10.2020

DELIUS GmbH & Co. KG
Goldstraße 16-18
33602 Bielefeld



L.S. FIRE
Testing Institute s.r.l.
Maddalena Pezzani

www.delius-contract.de

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