

**MATERIAL REACTION TO FIRE CLASSIFICATION**  
**REPORT PREPARED IN COMPLIANCE WITH AMENDED 5 OF THE FRENCH HOME OFFICE**  
**REGULATION DATED NOVEMBER 21<sup>ST</sup>, 2002 (OFFICIAL GAZETTE DATED DECEMBER 31, 2002)**

Valid five years from issue date

**CERTIFICATE N° 20-00637 L**

And appendices of 6 pages

**MATERIAL presented by:** INDETEX NV  
Rue du Mont-Gallois 58  
B-7700 MOUSCRON  
BELGIUM

**TRADE NAME:** AQUILA – BALENA

**BRIEF DESCRIPTION:** 100% inherent flame retardant polyester fabric.  
Nominal surface weight: 277 g/m<sup>2</sup>  
Nominal thickness: 0,60 mm  
Colours: Various

**TEST REPORT:** N° 20-00637 E1-V1 on the March 20<sup>th</sup>, 2020

**TESTS:** Electrical burner test  
Flame persistence test  
Dripping test

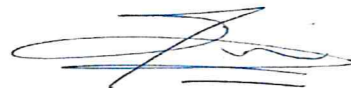
**CLASSIFICATION:** **M 1**

**CLASSIFICATION DURATION (article 5 of appendix 2): unlimited unless otherwise specified**

given the criteria resulting from the tests described in the enclosed test report.  
The classification indicated does not mean that materials marketed comply with the test samples and must not be considered as a qualification certificate as defined by French law dated March 14, 2016.

N.B.: Only integral copies of this document may be made by photocopying the classification report and/or the classification report and enclosed test report.

Issued in Lyon, France, on the March 20<sup>th</sup>, 2020



**Léa MONIN**  
Engineer Tests and Trials

Ecully, 20/03/2020

**INDETEX SA**  
INDETEX  
58 RUE DU MONT GALLOIS  
7700 MOUSCRON  
BELGIQUE

IFTH reference : DL200228-015

**TEST REPORT N° 20-00637 E1 - V1**

The copie of this document is only authorised in its integral version

**PURPOSE OF THE REQUEST**

Customer reference :	Date of request : 28/02/2020
Purchase order : commande validée	Samples supplied on : 05/03/2020
Subject :	N° CE/CL :
	N° CQ :

**SAMPLE(S) REFERENCE(S)**

20-00637-001 : AQUILA - BALENA

**DETAILS OF RESULTS**

<b>20-00637-001</b>	AQUILA - BALENA
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**Buildings material - Reaction to fire - Electrical burner test  
NF P 92-503 (1995)**

**Test carried out according to COFRAC accreditation**

**PROCESS CONDITIONS**

*Conditioning of specimens before tests : (23 ± 2)° C and (50 ± 5) % RH up to constant mass*

*Number of tested specimens : 4*

*Testing location : Ecully*

*Date of the test : 10/03/2020*

**RESULTS**

**Specimen 1**

specimen tested	BALENA 1003
Side tested	Front side
Direction tested	Warp direction
Other informations:	Dark grey
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	Yes
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	135
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

**Specimen 2**

specimen tested	BALENA 1003
Side tested	Front side
Direction tested	Weft direction
Other informations:	Dark grey
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	Yes
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	145
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

**Specimen 3**

specimen tested	BALENA 1002
Side tested	Back side
Direction tested	Warp direction
Other informations:	Beige
Times of ignitions (in s)	105
Durations of ignitions (in s)	4
Fall of not ardent drops	Yes
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	160
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

**Specimen 4**

specimen tested	AQUILA 2001
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Side tested	Back side
Direction tested	Weft direction
Other informations:	Light grey
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	Yes
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	165
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No
<b>Average of carbonized lengths (in mm)</b>	<b>151</b>
<b>Average of carbonized widths between 45 and 60 cm (in mm)</b>	<b>/</b>
<b>Drilling by fusion without ignition or with ignition &lt; or = 5 s</b>	<b>Yes</b>
<b>Maximum duration of ignition (in s)</b>	<b>4</b>
<b>Fall of ardent drops or fragment fired</b>	<b>No</b>
<b>Afterglow with spread on more than 25 cm (in mm)</b>	<b>No</b>

DETAILS OF RESULTS

20-00637-001	AQUILA - BALENA
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Buildings material - Reaction to fire - Dripping test.  
NF P 92-505 (1995)

Test carried out according to COFRAC accreditation

PROCESS CONDITIONS

Conditioning of specimens before tests : (23 ± 2)° C and (50 ± 5) % RH up to constant mass

Number of tested specimens : 4

Testing location : Ecully

Date of the test : 10/03/2020

RESULTS

Specimen 1	Specimen tested	AQUILA 2001
	Other informations:	Light grey
	Times of ignitions (in s)	/
	Durations of ignitions (in s)	0
	Fall of not ardent drops	Yes
	Fall of ardent drops	No
	Ignition of cotton	No
Specimen 2	Specimen tested	BALENA 1003
	Other informations:	Dark grey
	Times of ignitions (in s)	/
	Durations of ignitions (in s)	0
	Fall of not ardent drops	Yes
	Fall of ardent drops	No
	Ignition of cotton	No
Specimen 3	Specimen tested	BALENA 1002
	Other informations:	Beige
	Times of ignitions (in s)	/
	Durations of ignitions (in s)	0
	Fall of not ardent drops	Yes
	Fall of ardent drops	No
	Ignition of cotton	No
Specimen 4	Specimen tested	BALENA 1003
	Other informations:	Dark grey
	Times of ignitions (in s)	/
	Durations of ignitions (in s)	0
	Fall of not ardent drops	Yes
	Fall of ardent drops	No
	Ignition of cotton	No
	<b>At least one sample ignited cotton</b>	<b>No</b>

COMMENTS

For information, the product tested may be classified as **M1**  
This document can't no means replace the official report

**DETAILS OF RESULTS**

<b>20-00637-001</b>	<b>AQUILA - BALENA</b>
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**Buildings material - Reaction to fire - Flame persistence test and speed of the spread of flame.  
NF P 92-504 (1995)**

Test carried out according to COFRAC accreditation

**PROCESS CONDITIONS**

Conditioning of specimens before tests : (23 ± 2)° C and (50 ± 5) % RH up to constant mass  
Number of tested specimens : 4  
Testing location : Ecully  
Date of the test : 10/03/2020

**RESULTS**

Specimen 1	Specimen tested	BALENA 1002
	Side tested	Front side
	Direction tested	Warp direction
	Other informations:	Beige
	Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
Specimen 2	Specimen tested	BALENA 1002
	Side tested	Front side
	Direction tested	Weft direction
	Other informations:	Beige
	Durations of inflammations (in s)	0/1/0/0/0/1/0/0/0
	Fall of not ardent drops	Yes
	Fall of ardent drops	No
Specimen 3	Specimen tested	BALENA 1003
	Side tested	Back side
	Direction tested	Warp direction
	Other informations:	Dark grey
	Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
Specimen 4	Specimen tested	AQUILA 2001
	Side tested	Back side
	Direction tested	Weft direction
	Other informations:	Light grey
	Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
	<b>Maximum duration of ignition (in s)</b>	<b>1</b>
	<b>Fall of ardent drops or fragment fired</b>	<b>No</b>

**SAMPLE DESCRIPTION ANNOUNCED BY THE CLIENT**

<b>20-00637-001</b>	<b>AQUILA - BALENA</b>
Composition	Tissu 100% polyester ignifugé dans la masse. 100% inherent flame retardant polyester fabric.
Mass per unit area	277g/m <sup>2</sup>
Thickness	0.60 mm
Color	BALENA 1003 (Gris foncé/Dark grey) - BALENA 1002 (Beige) - AQUILA 2001 (Gris clair/Light grey)
Test requested by	INDETEX NV
Name and address of the producer	INDETEX NV rue du Mont-Gallois 58 B-7700 MOUSCRON (BELGIUM)
Name and address of the supplier	INDETEX NV rue du Mont-Gallois 58 B-7700 MOUSCRON (BELGIUM)

Cedric ROSSARD  
Laboratory Manager

**Versions**

Version 1 : Report creation

**I.F.T.H. service clientèle**  
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FRANCE  
SIRET 433 430 832 00017



Number of pages : 6 Appendices : 0

If test reports, interpretation reports, comments, advice or observations are translated into a foreign language, only the version in French is valid.  
« The uncertainty associated to the result was not explicitly taken in consideration to declare the conformity to the specification. Conformities are given only for the results associated to a specification. *Results of this test report are only valid for specimens subjected to testing at IFTH.* »

\* End of report \*