

PARIS, Monday 23 June 2003

N/Réf. : AMB - LF/GV

This test report comprises 3 pages

<b>TEST REPORT N° 49030277/E</b>	
<b>Concerns :</b>	FIRE BEHAVIOR TESTS UPHOLSTERED SEAT COMPONENTS according TECHNICAL BULLETIN 117 Section A Part I January 1980 STATE OF CALIFORNIA
<b>Specimen :</b>	<b>FOAM réf : Ecoflame</b>
<b>Applicant :</b>	<b>Wellis AG</b> Ettiswilerstrasse – 24 CH- 6130 Willisau SUISSE

In charge of the tests



Thibaut CORNILLON

Manager of the Fire Laboratory



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## FIRE BEHAVIOR

TEST REPORT No **49030277/E** ACCORDING TO  
TECHNICAL BULLETIN 117  
SECTION A Part I  
Flame Resistance Test of Furniture Cellular Materials January 1980  
STATE OF CALIFORNIA

Test reception date: 16/06/03

Test performance date: 20/06/03

### Product tested:

**Foam:** Reference : Ecoflame  
Color : White  
Composition : Polyol / Isocyanat  
Volumic weight : 60-65 Kg/m<sup>3</sup>

Completed according to the description supplied by the applicant

## TESTS

### Preparation of specimens :

**Specimens :** 20 foam samples: 305 x 76 x 13 mm

**Conditioning :** At least 24 hours at a temperature between 18 and 26°C inclusive  
At a relative humidity of less than 55 % RH  
10 samples untreated, 10 after 24 hours exposure to 104°C  
in an air circulation oven.

**Test environment :** Test cabinet : Cabinet defined in method 5903.2.  
Temperature between 18 and 26°C inclusive  
Relative humidity of less than 55 % RH

**Test materials :** Burner : Internal diameter 9,5 mm  
Length 76.2 ± 6.4 mm  
Pilot flame : Internal diameter 1.6 mm

Gas : Matheson Gaz B  
Flame height 38,1 mm

Foam specimen support : (*Figure 117-A of this section*)

**Application :** Specimen inserted into its support, suspended vertically, the lower part of the specimen  
19 mm above the burner

**Application time :** 12 seconds

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### TEST RESULTS

Did not ignite: **X**

Ignited by progressive combustion :

Ignited by flame :

	Specimens
	Untreated and aged
Average char length (mm) :	82
Maximum char length (mm) :	100
Average afterflame (s) :	0
Maximum afterflame (s):	0
Average afterglow after extinction of the flame (s) :	/

cross = yes  
no cross = no

REMARKS:

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#### Critères de refus :-

Average char length over 152 mm  
Maximum char length of any individual specimen over 203 mm  
Average afterflame over 5 seconds  
Maximum afterflame of any individual specimen over 10 seconds  
Average afterglow over 15 seconds

**RESULT OF THE TEST :** **POSITIVE**

**THE RESISTANCE OF THE FOAM SATISFIES THE REQUIREMENTS**