



TEST REPORT

Laboratory tests on a hardwood flooring product

Tests were performed according to EN 13501-1:2007 + A1:2009 standard

Report Number **R15242CAN-A4**

Product **Panel Cushion and RetroFlex**

Client **Penny Bruce,**
251 Industrial Park Road, Amasa, MI 49903, USA.

Date **June 14th, 2018**

This report contains 4 pages in total. It cancels and replaces report R15242CAN-A3 of April 05th, 2016, please delete the previous document. Reproduction of this report is authorized only in its entire form. Results reported are valid only for the products tested. To declare the conformance (or not), the uncertainty of the results was not taken into account. Detailed results are available upon request.

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TESTING DETAILS

Description of the product tested	Maple harwood flooring system with varnish (MFMA)
Sealing and finish	PU Oil based varnish – PU Water based varnish
Name of the product and thickness	- Panel Cushion : 37.175 mm (lowest profile) - RetroFlex : 102 mm (highest profile)
Type of surface	Area-elastic flooring system
Manufacturer	Connor Sports
Original Identification number	T1510502
Notified body report number	15.02860.01
Date of reception	June 15 th , 2015
Date of the tests	June 2015

Picture



TEST PROGRAM

Labosport Inc., in collaboration with **Centexbel***, an ISO 17025 accredited third party, was contracted by **Connor Sports** to performed reaction to fire tests according EN 13501-1:2007 + A1:2009 standards on hardwood flooring system products. Results and reaction to fire classification are detailed in this report.

**Centexbel, Technologiepark 7, BE-9052, Zwijnaarde, Belgium. Notified Body Number: 0493.*

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CLASSIFICATION

Product	Test method	Results
Panel Cushion	EN 13501-1	Class C _{fl} s1*
RetroFlex		Class C _{fl} s1*

*Results applicable only on coating used for the test and applied in similar quantities.

TEST RESULTS

Property	Test method	Units	Results	Requirement	Class	
Ignitability of building products – Single flame source test	EN ISO 11925-2	Time to reach 150 mm mark (s)	Length	> 20	Class E _{fl} ≥ 20	E _{fl}
			Width	> 20		
Determination of the burning behaviour using radiant a head source	EN ISO 9239-1	Heat flux (kw/m ²)	Length	6.4	Class C _{fl} ≥ 4.5 Class B _{fl} ≥ 8.0	C _{fl} *
			Width	5.0		
Smoke production	EN 13501-1	%/min	Average 31	Class s1 ≤750	s1	

*Both length and width must pass to obtain a higher class.

NOTE

As **Panel Cushion** and **RetroFlex** are respectively lowest and highest profiles of the same hardwood product family, all product of this family with a thickness between **37.175** and **102 mm** are considered to be Class **C_{fl} s1** according **EN 13501-1** Standard and in allowance with article 5.4.5 of **EN 14904** Standard.

List of the products covered by the fire classification mentioned in this report:

- Alliance
- Alliance I
- Alliance II
- Alliance Panel
- Anchored RezillSleeper DIN
- Focus
- Focus II
- Green Play
- Panel Cushion
- PermaFlex II
- Rezill Channel
- Rezill Channel 01
- RezillFlex II
- S-Channel
- SmartStep
- Uniforce
- Universal
- VIP
- VIP II
- PermaLock
- PowerStrip
- SportBond
- Duracushion I
- Duracushion II
- Duracushion III
- NeoShok
- PermaFlex
- RetroFlex
- RezillFlex
- RezillLock
- Rezill Panel
- RezillSleeper
- RezillSleeper Plywood
- SportBond Plus DIN
- Athletic Republic
- QuickLock
- QuickLock Lite
- RF Portable

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