



TECHNICAL REPORT

Technical evaluation of a hardwood flooring product
according EN 13501-1:2007 + A1:2009 standard.

Report Number **R15242CAN-A2**

Client **Penny Bruce,**
Training & Development,
Connor Sports.

Date **December 11th, 2015.**

This report contains 3 pages in total.

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REPORTED BY:

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DESCRIPTION OF THE PRODUCT TESTED

Description	Hardwood Flooring System with varnish
Sealing and finish	2 coats (.733 dry mil) of <i>Poloplaz</i> Semi-gloss Prism Finish – Water based added to 2 coats (.733 dry mil) of <i>Poloplaz NSB Seal</i> – Water based
Name of the product	Panel Cushion (lower profile) RetroFlex (highest profile)
Manufacturer	Connor Sports
Thickness	Panel Cushion : 37.175 mm RetroFlex : 102 mm
Identification number	T1510502
Date of testing	June 2015

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, Technologiemark 7, BE-9052, Zwijnaarde, Belgium. Notified Body Number: 0493.

Report number	R15242CAN-A2	Page 2 / 3
Date	December 11 th , 2015	

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CLASSIFICATION

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

DETAILED RESULTS

Property	Test method	Units	Results		Requirement	Class
			Length	Width		
Ignitability of building products – Single flame source test	EN ISO 11925-2	Time to reach 150 mm mark (s)	Length	> 20	Class E _{fi} ≥ 20	E _{fi}
			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 _{fi} ≥ 4.5 Class B _{fi} ≥ 8.0	C _{fi} *
			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 hardwood products coming from the same product family, all product of this family with a thickness between 37.175 and 102 mm are considered to be Class C_{fi} s1 according EN 13501-1 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

Report number	R15242CAN-A2	Page 3 / 3
Date	December 11 th , 2015	