

FIRE TEST REPORT INFORMATION

Classic Tredfx

PBC102

Aluminium Safety Stair Nosing for Carpet Applications

For your information, please also find a link to our 'White Paper' containing some explanatory information pertaining to Fire Resistance, and covering off the details for the requirements of the [NCC 2019 and Fire Resistance of Floor Coverings](#).

Class 2 – 9 Properties of Floor Material and Coverings

[Specification C1.10 of the NCC 2019](#) states that a floor lining or floor covering must have:

- a) a Critical Radiant Flux (CRF) not less than that listed in the Table 2; and
- b) in a building not protected by a sprinkler system (other than a FPAA101D or FPAA101H system) complying with Specification E1.5, a maximum smoke development rate of 750 percent-minutes; and
- c) a group number complying with Clause 6(b), for any portion of the floor covering that is continued more than 150 mm up a wall.

For the **Classic Tredfx PBC102** product, the fire test properties are:

- Critical Radiant Flux: 7.8 kW/m²
- Smoke Development Rate: 234 %/min.

A copy of the Fire Test report is on the following page.

Please also feel free to download a copy of any of our [Product Data Sheets](#) from the website.

Please note Classic Architectural Group are not licensed Building Surveyors, nor do we in any way purport to be. We strongly recommend that you have this product verified by an accredited party that it is fit for its intended application before installation.



classic
architectural group

For Every Step

AWTA PRODUCT TESTING

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TEST REPORT

CLIENT : CLASSIC ARCHITECTURAL PRODUCTS
PTY LTD
6 BEAUFORT STREET
PRESTON VIC 3072

TEST NUMBER : 7-579085-CV
ISSUE DATE : 10/06/2011
PRINT DATE : 10/06/2011

SAMPLE DESCRIPTION Clients Ref: "Stair Tread Nosing"
PVC strips affixed to cement sheet
Approx total thickness: 9.5mm
End Use: Stair Nosing

Material Specification:
Nominal composition: PVC cement sheet
Nominal mass: 3.5kg/m²

ASISO 9239.1-2003
Part 1

Reaction to Fire Tests for Floorings
Determination of the Burning Behaviour
using a Radiant Heat Source

Date of sample arrival: 24/05/2011
Date tested: 10/06/2011

Results:

CHF (Critical Heat Flux / Critical Radiant Flux)

	1	2	3	Mean	
Length	8.7	7.0	7.6	7.8	kW/m ²
Width	9.1	-	-	-	kW/m ²

Smoke Value

	243	258	201	234	% min
Length	243	258	201	234	% min
Width	254	-	-	-	% min

Observations: transitory flaming, blistering, penetration of flame through to substrate

Note: Sample was conditioned in accordance with BS EN 13238-2001 at a temperature of 23+/-2degC and Relative Humidity of 50+/-5% for a minimum of 48 hours prior to testing

Each specimen was clamped as supplied by client prior to testing

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

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(END OF REPORT)

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APPROVED SIGNATORY

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MANAGING DIRECTOR

0204/11/06

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