



classic
architectural group

For Every Step

FIRE TEST REPORT INFORMATION

Classic Tredfx

DKR435

Aluminium Safety Stair Nosing for Surface Mount 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 DKR435** product, the fire test properties are:

- Critical Radiant Flux: ≥ 11 kW/m²
- Smoke Development Rate: 8 %/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.



AWTA PRODUCT TESTING

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TEST REPORT

Client : Classic Architectural Group Pty Ltd
2 Kiama Street
Miranda NSW 2228

Test Number : 13-002439
Issue Date : 05/06/2013
Print Date : 05/06/2013
Order Number : 37012

Sample Description Clients Ref : "Tredfx gritted anti-slip stair nosing"
Aluminium base profile with silicon carbide gritted strip insert, colors - Black, Yellow, Grey
Nominal Mass per Unit Area/Density : 960g/m²
Nominal Thickness : 5-6 mm

AS/ISO 9239.1-2003

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

Date of Sample Arrival	21/05/2013			
Date Tested	04/06/2013			
CHF Value	1	2	3	Mean
Length	≥11	≥11	≥11	≥11 kW/m ²
Width	≥11	-	-	- kW/m ²
Smoke Value	1	2	3	Mean
Length	8	8	8	8 % min
Width	8	-	-	- % min
Melting	Nil			
Blistering	Nil			

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 sole criterion for assessing the potential fire hazard of the product in use.

Sample was conditioned in accordance with BSEN 13238:2001 at a temperature of 23±2°C and relative humidity of 50±5% for a minimum of 48 hours prior to testing.

Each specimen was clamped to a substrate of 6mm thick fibre reinforced cement board prior to testing.

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