



**classic**  
architectural group

**For Every Step**

## **FIRE TEST REPORT INFORMATION**

Classic Tredfx

**LKR427**

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 LKR427** product, the fire test properties are:

- Critical Radiant Flux:  $\geq 11$  kW/m<sup>2</sup>
- 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.*



**classic**  
architectural group

**For Every Step**

## AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031  
P.O Box 240, North Melbourne, Victoria 3051  
Phone (03) 9371 2400 Fax (03) 9371 2499

### 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/m<sup>2</sup>  
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 <sup>2</sup>
Width	≥11	-	-	- kW/m <sup>2</sup>
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.

26139

5017

Page 1 of 1

© Australian Wool Testing Authority Ltd  
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025  
- Chemical Testing  
- Mechanical Testing  
- Performance & Approvals Testing

: Accreditation No. 993  
: Accreditation No. 995  
: Accreditation No. 1359



Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

0204/11/06

*JSD*  
APPROVED SIGNATORY

*Michael A. Jackson*  
MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING DIRECTOR