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## **FIRE TEST REPORT INFORMATION**

Classic Integra  
**Shield 9100**  
Vinyl Scaper Matting

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 Integra Shield 9100** product, the fire test properties are:

- Critical Radiant Flux is 7.5 kW/m<sup>2</sup>
- Smoke Development Rate is 541 %/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.*



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# AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
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## TEST REPORT

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

TEST NUMBER : 7-574001-CV  
ISSUE DATE : 29/07/2010  
PRINT DATE : 30/07/2010

SAMPLE DESCRIPTION Client Ref: "Integra Shield 3M Nomad 9100 Scraper Entrance Matting"  
Vinyl loop matting  
Colour: Black  
Approx total thickness: 10mm

Material Specification:  
Nominal composition: Vinyl  
Nominal total mass: 8330g/m2

ASISO 9239.1-2003 Reaction to Fire Tests for Floorings  
Part 1 Determination of the Burning Behaviour using a Radiant Heat Source

Date of sample arrival: 22/06/2010  
Date tested: 28/07/2010  
Results: CHF (Critical Heat Flux / Critical Radiant Flux)

	1	2	3	Mean	
Length	8.0	7.1	7.5	7.5	kW/m2
Width	8.2	-	-	-	kW/m2
Smoke Value					
Length	538	524	560	541	% min
Width	505	-	-	-	% min

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 to a substrate of 6mm thick fibre reinforced cement board 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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-Chemical Testing of Textiles & Related Products : Accreditation No. 983  
-Mechanical Testing of Textiles & Related Products : Accreditation No. 985  
-Heat & Temperature Measurement : Accreditation No. 1356

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APPROVED SIGNATORY

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MANAGING DIRECTOR

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