## **5 Test Certificate**

## Figure 2 Certificate of Test FNR13255C

## **Certificate of Test**

Quote No.: NR8892 No. FNR13255C

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This is to certify that the specimen described below was tested by CSIRO Infrastructure Technologies in accordance with Australian Standard ISO 9239, Reaction to fire tests for floorings, Part 1: Determination of the burning behaviour using a radiant heat source, 2003, on behalf of:

Birrus (Australia) Pty Ltd Trading as Birrus Matting Systems

60-68 Gaine Road

DANDANONG SOUTH VIC 3175

AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNR 13255.

SAMPLE

IDENTIFICATION: Birrus Coloured Coir

MANUFACTURER: Birrus (Australia) Pty Ltd Trading as Birrus Matting System: 60-68 Gaine Road, DANDANONG

**SOUTH VIC 3175 AUSTRALIA** 

**DESCRIPTION OF** 

SAMPLE: The sponsor described the specimen as a coir mat with polyvinyl chloride (PVC) backing. The coir

yarn was comprised of coconut fibre tufted and then moulded into the backing. The PVC backing was comprised of PVC resin, calcium carbonate stiffener, Dioctyl Phthalate (DOP) and Chlorinated

Paraffin Wax (CPW) plasticisers.

Nominal coir yarn thickness: 3.5 mm (measured)
Nominal PVC backing thickness: 13.5 mm (measured)

Nominal total thickness: 17 mm

Nominal total density: 342 kg/m³ (measured)
Colour: red (front) / black (rear)

CSIRO was not involved in the design of the specimen configuration, or the selection of materials used to form the test specimen. The test result only relates to the specimen tested and described in

this report.

TEST PROCEDURE: Samples were tested in accordance AS ISO 9239; Australian Standard, Reaction to fire tests for

floorings, Part 1: Determination of the burning behaviour using a radiant heat ignition source, 2003.

Three (3) samples were tested in accordance with AS 9239.1-2003.

SAMPLE

CLASSIFICATION: Mean distance of flame travel: 650 mm

Average Critical Radiant Flux: 2.2 kW/m $^2$ Average integrated smoke value: 132 % x min

These 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.

Testing Officer: Clive Broadhead Date of Test: 20 August 2024

Issued on the 11th day of September 2024 without alterations or additions.

Stephen Smith

Team Leader, Reaction to Fire & Façade Fire Laboratory

End of Report

NATA

NATA Accredited Laboratory Number: 165 Corporate Site No 3625

Accredited for compliance with ISO/IEC 17025 - Testing

## **CSIRO** INFRASTRUCTURE TECHNOLOGIES

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