

Certificate of Test

Quote No.: NR7961

No. FNR12166C

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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:

Uber Flor Pty Ltd
2/56 Bundara Ave
WAMBERAL NSW 2260
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNR 12166.

SAMPLE

IDENTIFICATION: Avanti

DESCRIPTION OF

SAMPLE: The sponsor described the tested specimen as a polyvinyl chloride (PVC) interlocking floor plank comprised of the following layers:

Layer 1: 0.07-mm thick polyurethane (PU) protective coating;
Layer 2: 0.55-mm thick clear embossed PVC wear layer;
Layer 3: 0.55-mm thick PVC print layer;
Layer 4: 2.45-mm thick PVC and resin primary backing layer;
Layer 5: 9-mm thick plywood substrate.

The layers are hot pressed together to form the PVC sheet. The substrate is adhered to the PVC plank using a polymer sheet vinyl adhesive at an application rate 5 m²/L.

Nominal thickness of PVC flooring tile: 3.62 mm
Nominal total thickness: 12.62 mm
Nominal total mass: 5.667 kg/m²
Colour: grey (JS4844 carbon)

Note: The test results were based on the samples cut perpendicular to the first direction.

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. Four (4) samples were tested in accordance with AS 9239.1-2003.

SAMPLE

CLASSIFICATION: Mean distance of flame travel: 140 mm
Average Critical Radiant Flux: 10.4 kW/m²
Average integrated smoke value: 211 % x min

Testing Officer: Faustin Molina Date of Test: 14 May 2018

Issued on the 12th day of June 2018 without alterations or additions.



Brett Roddy
Team Leader, Fire Testing and Assessments



NATA Accredited Laboratory
Number: 165
Corporate Site No 3625
Accredited for compliance with ISO/IEC 17025 - Testing.

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