

Certificate of Test

Quote No.: NR8300

No. FNR12507C

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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:

Olympic Tiles
1265 The Horsley Drive
WETHERILL PARK NSW 2158
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNR 12507.

SAMPLE

IDENTIFICATION: SPC Native Oak

DESCRIPTION OF

SAMPLE: The sponsor described the tested specimen as a polyvinyl chloride (PVC) flooring material comprised of the following layers:

Layer 1: 0.5-mm thick PVC wear layer;
Layer 2: 0.07-mm thick PVC film décor;
Layer 3: 3.63-mm thick core comprised of PVC, calcium carbonates (CaCO₃) and stabilizers.
Layer 4: 2.5-mm thick (measured) foam underlay. Details of the material composition were not provided by the sponsor.

The PVC layers were adhered together using a calendaring process. The foam was adhered onto the PVC layers using an unknown adhesive at an unknown application rate.

Nominal total thickness: 6.7 mm (measured)
Nominal total density: 2000 kg/m³ – 2050 kg/m³
Colour: grey (as sighted by laboratory)

Note: The test results were based on the samples cut in the longitudinal 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: 10.4kW/m²
Average integrated smoke value: 238 % 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: Shaw Tran Date of Test: 4 December 2019

Issued on the 22nd day of January 2020 without alterations or additions.


Stephen Smith
Team Leader, Reaction to Fire & Façade Fire Laboratory



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

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