

Certificate of Assessment

Job No.: NKI7815

No. 2445

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This is to certify that the specimen described below was tested by the CSIRO Infrastructure Technologies in accordance with Australian/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of:

Forbo Floorcoverings Pty Ltd
23 Ormsby Place
WETHERILL PARK NSW 2164
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 12037.

SAMPLE

IDENTIFICATION: Sphera Homogeneous Vinyl

DESCRIPTION OF SAMPLE:

The sponsor described the tested specimen as a poly vinyl chloride (PVC) sheet coated with a polyurethane (PUR) layer on a fibre cement (FC) substrate. The PVC sheet was adhered onto the FC substrate using an acrylate copolymer adhesive at an application rate of 4 m²/L.

Nominal thickness of PUR layer: 12 µm
Nominal thickness of PVC sheet: 2 mm
Nominal thickness of FC sheet: 4 mm
Colour: 50042 Sphera PVC

SAMPLE

CLASSIFICATION: Group Number: Group 3
(In accordance with Specification A2.4 of the Building Code of Australia.) ^{1,2}
Average specific extinction area: 289.0 m²/kg
(Refer to Specification C1.10 section 4 of the Building Code of Australia.) ^{1,2}

Notes:

1. The results of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.
2. As per Section 9 (n) of AS 5637.1:2015, the determination of the group number was based on the AS/NZS 3837:1998 test, and was deemed valid in the cone calorimeter for the assignment of National Construction Code (NCC) group number.

Testing Officer: Heherson Alarde Date of Test: 8 September 2017

Issued on the 13th day of October 2017 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.

CSIRO INFRASTRUCTURE TECHNOLOGIES

14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555 www.csiro.au

