

5 Assessment Certificate

Figure 3 Certificate of Assessment 1950

Certificate of Assessment

Quote No.: NK7079

No. 1950
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This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering 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:

Permaform Australia Pty Ltd
6A Barrow Pl
QUEANBEYAN NSW 2620
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 11034.

SAMPLE IDENTIFICATION: Permaform

DESCRIPTION OF SAMPLE:

The sponsor described the tested specimen as a rigid PVC-based, hollow-type rib-reinforced plastic material comprising of two PVC panel facings with internal reinforced PVC ribs, used as permanent formwork for concrete walls. The rigid PVC profile formed the exposed face of the tested specimen. The specimen contained flame-retardant additives.

| | |
|--------------------------------------|-------------------------|
| Nominal thickness of PVC: | 2.50 mm |
| Nominal thickness of concrete block: | 47 mm |
| Nominal total thickness: | 50 mm |
| Nominal density of PVC: | 1300 kg/m ³ |
| Nominal total mass: | 97.13 kg/m ² |
| Colour: | beige (PVC) |


SAMPLE CLASSIFICATION:

Group Number: Group 1
(In accordance with Specification A2.4 of the Building Code of Australia.)

Average specific extinction area: 236.8 m²/kg
(Refer to Specification C1.10 section 4(c) of the Building Code of Australia.)

Testing Officer: Heherson Alarde Date of Test: 21 January 2014

Issued on the 4th day of February 2014 without alterations or additions.



Brett Roddy
Team Leader, Fire Testing and Assessments

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