Certificate of Assessment

Quote No.: NKI7014 **No. 1971**

This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering in accordance with International Standard ISO 5660-1:2002 Reaction-to-fire tests – Heat release, smoke production and mass loss rate – Part 1: Heat release rate (cone calorimeter method) and Part 2: Smoke production rate (dynamic measurement), at 50 kW/m², on behalf of:

Fletcher Building Ltd trading as Pacific Coil Coaters
968 Great South Road
PENROSE AUCKLAND 1061
NEW ZEALAND

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNKI 11021.

SAMPLE IDENTIFICATION: Colorcote ZM8 - Acrylic Topcoat

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as Zincalume base metal, Henkel 1402 pre-treatment, PPG Armourbuild Flex Primer, and PPG acrylic topcoat.

Nominal thickness of Zincalume:	0.55-mm
Nominal thickness of Henkel 1402:	1-µm to 2-µm
Nominal thickness of Armourbuild:	4-µm to 6-µm
Nominal thickness of top coat:	17-µm to 19-µm
Nominal thickness of backing primer:	4-µm to 6-µm
Nominal thickness of backing top coat:	4-µm to 8-µm
Nominal mass:	51.02 g
Colour:	white

SAMPLE CLASSIFICATION: Group Number: Group 1-S
(In accordance with Verification Method C/VM2 Appendix A Paragraph A1.2 and Paragraph A1.3 of the New Zealand Building Code.)

Average specific extinction area: 55.6 m²/kg
(In accordance with Verification Method C/VM2 Appendix A Paragraph A1.2 of the New Zealand Building Code.)

Testing Officer: Heherson Alarde Date of Test: 7 February 2014

Issued on the 11th day of March 2014 without alterations or additions.

Brett Roddy
Team Leader, Fire Testing and Assessments

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