

TECHNICAL BULLETIN

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FIRE RATINGS OF EUROMAX PREMIUM PAINTED ALUMINIUM PRODUCTS

Ambrometals Euramax products are used for the manufacture of roofing and cladding in the New Zealand building industry.

Euramax coated products have been tested under the European norm EN-13501 and meet the fire classification A1 with the following paint systems.

- 1, 2- and 3- Layer Polyester (PE) coated aluminium
- 2 layer HDP (Decor)
- 2- and 3- Layer Polyurathane Polyamide (Pur/Pa)
- 2- and 3- Layer Poly vinyl di Fluoride (PVDF) coated aluminium
- 2 sided Primer coated aluminium

The co-relation of wall and ceiling surface finishes derived from Australian or European classifications to the Group Number requirements of NZBC Clause 3.4(a) can, without the need for further testing, be taken as described in the following table.

New Zealand Group Number according to NZBC Clause C3.4(a) using ISO 9705:1993	Australian Group Number according to NCC Specification C1.10 Clause 4 using AS ISO 9705:2003	European Classification using to EN 13501-1:2007
Group Number 1-S	Group 1, and a smoke growth rate index not more than 100	Class A1, A2 or B and Smoke production rating s1 or s2
Group Number 1	Group 1	Class A1, A2 or B
Group Number 2-S	Group 2, and a smoke growth rate index not more than 100	Class C and Smoke production rating s1 or s2
Group Number 2	Group 2	Class C
Group Number 3	Group 3	Class D
Group Number 4	Group 4	Class E and F

FOR FURTHER INFORMATION PLEASE CONTACT AMBRO METALS LTD

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