TABLE OF CONTENTS

Roofing 4
ColorCote® Alumigard™ 4
Appendix....9
CC-AlumiGard_Brochure-V1.06.25-Digital 9
CC_Color-Library_V1.06.2025-Digital....9
Dimond Greentag - AlumiGard....9
Environmental-Product-Declaration 9
Fletcher Steel - Toitu Certification 9
Roofing Industries Greentag 9
AlumiGard-AlumiGard-PLUS-0.9mm-NZ 9

SMARTSPEC

1 ROOFING

1.1 Preliminary

Refer to General Conditions of Contract and the Special Conditions in this Specification as appropriate. Read this section in conjunction with all other trade sections.

1.2 Compliance

Comply with the New Zealand Building Code 1992 including all revisions and amendments, Verification Methods where appropriate, and construction principles that are embodied in the Acceptable Solutions.

Comply with all relevant provisions and recommendations of:

2728:2013(AS|NZS)	Prefinished/prepainted sheet metal products for interior/exterior building applications - Performance requirements
AS/NZS 1580.481.1.11:1998	Methods of test for paints and related materials - Exposed to weathering - Degree of chalking
ISO 9223:2012	Corrosion of metals and alloys — Corrosivity of atmospheres — Classification, determination and estimation
NZBC B2/AS1	Durability
NZMRM Code of Practice	NZ Metal Roof and Wall Cladding Code of Practice - Version 3.0

1.3 ColorCote® Alumigard™

1.3.1 Scope

1.3.1.1 General

Supply the **ColorCote® AlumiGard™** 0.9mm metal cladding and roofing and install it on the areas identified on the design drawings. AlumiGard™ and AlumiGard™ PLUS use a marine-grade aluminium alloy substrate, with a waterborne acrylic or polyester top coat baked onto a polyester primer. AlumiGard™ is designed for use in extremely severe marine environments, right up to the waterline, or for acidic exposure in geothermal areas.

All aspects of the work shall be in complete accordance with the New Zealand's MRM's Code of Practice Guide (check www.metalroofing.org.nz/cop, or call 021 330 429 for their latest edition), and for additional technical information, please visit www.colorcote.co.nz, or call 0800 279 979.

1.3.1.2 Warranties

Please refer to the Warranty Enquiry Form of ColorCote® for a written warranty for your project. All ColorCote® roofing and cladding product warranties are provided specifically for each building and site.

1.3.2 Performance - Durability

1.3.2.1 Durability - Exposure Zone B: Low

Durability – Exposure Zone B: Low

Durability: The specified **ColorCote® AlumiGard™/AlumiGard™ PLUS** cladding, roofing, and rainwater goods installation is located in a NZS Exposure Zone B: Low – within an inland area with little risk from wind-blown sea-spray salt deposits.

ISO 9233 Category: C2 Low. Characterized by no obvious marine influences. Typically, more than 1,000 meters from the exposed coasts or more than 500 meters from industrial emissions.

All aspects of the specified **ColorCote® AlumiGard™/AlumiGard™ PLUS cladding, roofing, and rainwater goods,** including surface finish and installation, shall meet the durability requirements for the given Exposure Zone in accordance with NZBC B2.

1.3.2.2 Durability - Exposure Zone C: Medium

Durability – Exposure Zone C: Medium

Durability. The specified **ColorCote® AlumiGard™/AlumiGard™ PLUS** cladding, roofing, and rainwater goods installation is located in a NZS 3604 Exposure Zone C: Medium – within an inland coastal area with medium risk from wind-blown sea-spray salt deposits.

ISO 9223 Category: C3 Medium. Characterised by light salt deposits, a frequent smell of salt in the air. Typically, within 500 metres to 1km from breaking surf or in the immediate vicinity of calm salt water, such as estuaries.

All aspects of the specified **ColorCote® AlumiGard™/AlumiGard™ PLUS cladding, roofing, and rainwater goods,** including surface finishing and hardware, shall meet the durability requirements for the given Exposure Zone in accordance with NZBC B2.

1.3.2.3 Durability – Exposure Zone E-I: Very High – Industrial

Durability – Exposure Zone E-I: Very High - Industrial

Durability. The specified **ColorCote® AlumiGard™/AlumiGard™ PLUS cladding, roofing, and rainwater goods** is located in an AS/NZS 2728 Exposure Zone E-I: Very High Industrial – characterised by aggressive industrial areas, where the environment may be acidic with pH of less than 5.

ISO 9223 Category: C5I – Very High Industrial. Industrial areas with high humidity and an aggressive atmosphere.

All aspects of the specified **ColorCote® AlumiGard™/AlumiGard™ PLUS cladding, roofing, and rainwater goods,** including surface finishing and hardware, shall meet the durability requirements for the given Exposure Zone in accordance with NZBC B2.

1.3.2.4 Durability – Exposure Zone E-M: Very High—Marine/Geothermal

Durability – Exposure Zone E-M: Very High – Marine/Geothermal