CERTIFICATE OF COMPLIANCE
NATIONAL CONSTRUCTION CODE OF AUSTRALIA (NCC)
ROOFING & CLADDING

It is important that building products comply with the National Construction Code of Australia (NCC). The use of non-conforming products may leave builders, designers and installers at risk of future claims and damages. Each participant in the building process including the installer, builder, designer and supplier is responsible for ensuring products used, a) comply with relevant Australian Standards and NCC provisions and b) are suitable for the intended use. This is referred to as the Chain of Responsibility.

Design Sheetmetal can confirm that the following roofing & cladding products meet the minimum requirements of relevant Australian Standards and the NCC, and are included in this specification:

Ribbon Strip
Diversaclad®
Trayline
Standing Seam
Snap On 45

MATERIALS & FINISHES: The following materials and finishes are included in this specification:

MATERIALS	COLORBOND® steel COLORBOND® steel Matt COLORBOND® steel Ultra	COLORBOND® steel Metallic ZINCALUME® steel Galvanised steel	SUPERDURA® stainless steel
BASE METAL THICKNESS (BMT)	0.55mm		
MINIMUM YIELD STRENGTH (MPa)	G300		

COMBUSTIBILITY

Design Sheetmetal products manufactured from COLORBOND® and ZINCALUME® steels are suitable for use where a non-combustible material is required as per the NCC.

IGNITABILITY INDEX (0 - 20): 0
HEAT EVOLVED INDEX (0 -10): 0
SPREAD OF FLAME INDEX (0 -10): 0
SMOKE DEVELOPED INDEX (0 -10): 2

SCOPE OF USE - INSTALLATION - ACCEPTABLE CONSTRUCTION

All products listed may be used as roofing and/or wall cladding when designed and installed using the product specific design manuals.

AUSTRALIAN STANDARD COMPLIANCE

Information published for Design Sheetmetal products has been determined from testing at NATA accredited facilities. Design Sheetmetal products and information are compliant to the following standards:

Design Information, Product Capacities, Installation/Construction, Materials, Testing

AS 1562.1 - 2018 Design and installation of sheet roof and wall cladding. Part 1: Metal

AS 4040.0 - 1992 Methods of testing sheet roof and wall cladding. Method 0: Introduction, list of methods and general requirements

AS 4040.I - 1992 Methods of testing sheet roof and wall cladding. Method 1: Resistance to concentrated loads

AS 4040.2 - 1992 Methods of testing sheet roof and wall cladding. Method 2: Resistance to wind pressures for noncyclonic regions

AS/NZS 1170.0:2002 Structural design actions, Part 0: General principles

AS/NZS 1170.1:2002 (Reconfirmed 2016) Structural design actions, Part 1: Permanent, imposed and other actions

AS/NZS 1170.2- 2021 Structural Design Actions, Part 2: Wind actions

AS/NZS 1170.3:2011 (Reconfirmed 2016) Structural design actions, Part 3: Snow and ice actions

AS 4055 - 2021 Wind loads for housing

AS 3959 - 2018 Construction of buildings in bushfire prone areas

AS 1397 - 2021 Continuous hot-dip metallic coated sheet steel and strip - Coatings of zinc and zinc alloyed with aluminium and magnesium

AS/NZS 2725:2013 Prefinished/prepainted sheet metal products for interior/exterior building applications - Performance requirements

SA HB 39:2015 Installation code for metal roof and wall cladding

DEEMED TO SATISFY COMPLIANCE

NCC 2022 Volume I - For class 2 to 9 Buildings (Non-Residential). Section B1.4 Structural Resistance, Section FI.0 Deemed-to-Satisfy Provisions, Section FI.5 Roof coverings.
NCC 2022 Volume 2 - For class I and 10 Buildings (Housing Provisions). Section 3.5.I Roof cladding