ROOFING &
BUILDING SUPPLIES

No.1 ModRib™

No.1 Walling Range

no1roofing.com.au

02 9970 8359

Disclaimer

The information provided in this manual is intended as a guide only. No.1 Roofing & Building Supplies does not accept any liability for any loss or damage caused by the use of this information. It is the responsibility of the installer to ensure that all products are installed in accordance with the relevant Australian Standards and building codes. No.1 Roofing & Building Supplies reserves the right to change product specifications without notice.

Material Handling and Storage

Proper handling and storage of No.1 metal roof and wall cladding products are essential to maintain their quality and longevity. Follow these guidelines to ensure optimal performance:

Storage:

- Store sheet packs undercover and off the ground to protect them from moisture. Use tarpaulins or similar covers to shield the materials from rain and condensation.
- Avoid storing materials in areas where they may be exposed to corrosive environments or chemicals.
- Ensure good ventilation around stored materials to prevent condensation buildup.

Handling:

- Wear clean, dry, cut-resistant gloves when handling steel products to avoid damage to the surface finish.
- Do not drag sheets over rough surfaces or over each other to prevent scratching.
- Carry tools and equipment rather than dragging them across the sheets.

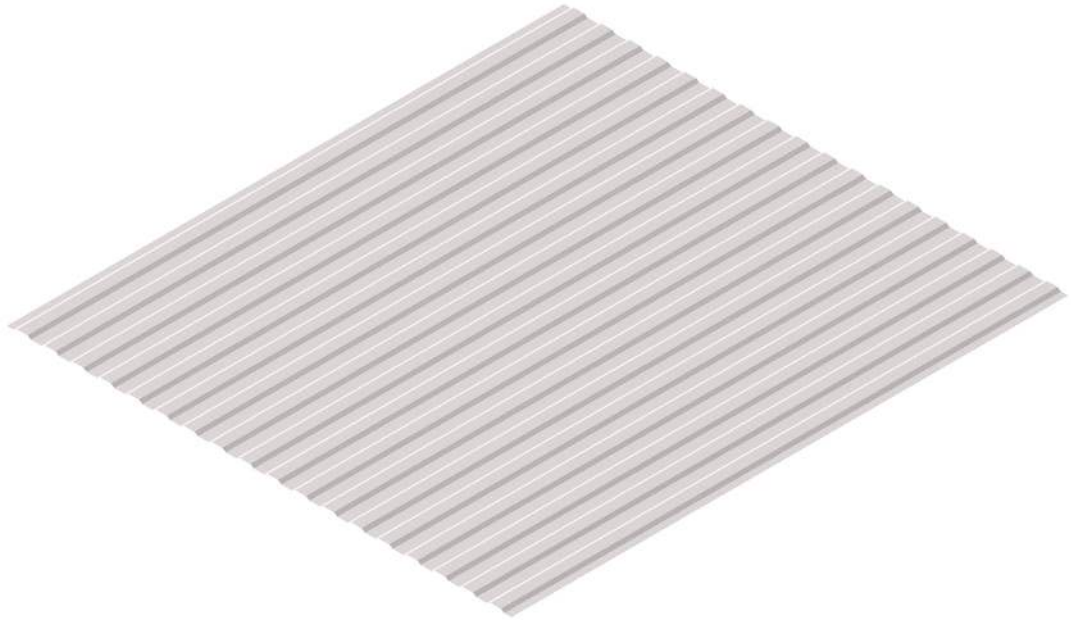
Applicable Australian Standards

Installation of No.1 ModRib™ must comply with the following Australian Standards:

1. AS 1562.1:2018 - Design and Installation of Sheet Roof and Wall Cladding – Metal
This standard provides guidelines on best practice design and installation techniques for metal roofing and wall cladding, including material quality, fastening techniques, and load-bearing aspects.

2. AS 4040.0:1992 - Methods of Testing Sheet Roof and Wall Cladding – Introduction, List of Methods, and General Requirements.
This standard outlines the testing methods for assessing the performance of sheet roof and wall cladding under various conditions.

3. SA HB 39:2015 - Installation Code for Metal Roof and Wall Cladding
This handbook provides detailed information on the selection, performance, and installation of metal roof sheeting and wall cladding, ensuring a weatherproof exterior and proper drainage.
By adhering to these standards, you can ensure that your installation meets the required safety, performance, and durability criteria, providing peace of mind and long-term reliability.



ModRib™ by No.1 Roofing & Building Supplies

Introducing No.1 ModRib™, the latest addition to our premium range of wall cladding solutions at No.1 Roofing & Building Supplies. Designed to offer a sleek, modern aesthetic combined with robust performance, No.1 ModRib™ is ideal for a variety of applications, from internal wall linings to external facades.

Characteristics

No.1 ModRib™ features a subtle ribbed profile that provides a near-flat appearance, making it perfect for both interior and exterior applications where a clean, contemporary look is desired. The profile has a cover width of 850mm and a rib height of 4mm, ensuring a smooth and elegant finish. Made from high-tensile steel, No.1 ModRib™ offers excellent durability and strength, capable of withstanding various environmental conditions

Features

One of the standout benefits of No.1 ModRib™ is its exceptional versatility. Suitable for a wide range of applications—including wall cladding (internal and external), soffits, ceilings, and eaves—ModRib™ adapts seamlessly to both flat and curved surfaces. Its longitudinal flutes provide rigidity along the sheet's length while maintaining flexibility across the width, enabling creative and functional design solutions.

With broad coverage, ModRib™ supports efficient installation and helps reduce overall material usage, making it a cost-effective choice for builders and specifiers. Its lightweight yet strong profile ensures easy handling and transport, reducing labor time and simplifying logistics on site.

Designed for conventional fixing methods, ModRib™ streamlines the installation process while offering variable fixing screw patterns for enhanced design flexibility and weather-tightness. The anti-capillary side laps further improve sealing performance, ensuring a secure and aesthetically pleasing finish.

Available in a wide range of steel finishes, ModRib™ delivers both durability and design freedom, with colours to suit any architectural style. Its non-combustible properties meet the latest building code requirements, offering added safety and peace of mind.

Manufactured to withstand harsh environmental conditions, No.1 ModRib™ is engineered for long-term performance in Australia's diverse climate. Whether used in residential, commercial, or industrial projects, it provides a high-performance cladding solution that combines strength, reliability, and visual appeal.

Panel Dimensions

No.1 ModRib™ - System Specification

Profile Dimensions:
Cover Width: 850mm
Rib Height: 4mm

Non-Combustible:
Meets the latest building code requirements for fire safety

Weather Tightness:
Enhanced by anti-capillary side laps and variable fixing screw patterns

Lightweight:
Easy to handle and install, reducing labor costs and time

Custom Lengths:
Available in custom cut lengths to suit specific project requirements.
Maximum length: 8m (6m is recommended maximum length for better panel performance)
Minimum length: 0.5m

Packing:
Supplied in strapped bundles of up to 1 tonne for easy transportation and handling

Applications:
Wall Cladding: Provides a sleek, contemporary look for both commercial and residential buildings
Soffits, Ceilings, and Eaves: Ideal for creating a clean, modern finish in various architectural designs

No.1 ModRib™ - Material Specification

Material Specifications:
Base Metal Thickness (BMT): Available in 0.35mm* and 0.42mm
Steel Grade: High Tensile G550 ZINCALUME® steel

*0.35mm material is not typically held as a stock item. Availability should be confirmed on a project-by-project basis.

Color Options:
A wide range of finishes, including all COLORBOND® colours, and ZINCALUME® steel. All materials conform with AS1397 standards for metallic coatings.

Panel Weight:
0.35mm BMT - 3.25kg/m2
0.42mm BMT - 3.85kg/m2

Compatibility:
To prevent corrosion, ZINCALUME®, COLORBOND®, and galvanised steel should not come into contact with copper, lead, treated timber, stainless steel, mortar, or concrete; additionally, galvanised surfaces must not receive runoff from inert materials such as aluminium, glass, plastics, glazed tiles, or COLORBOND® AND ZINCALUME® steel.

Panel Fixing Details

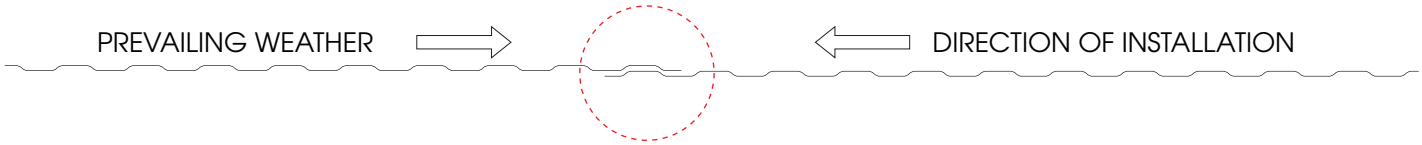
Recommended Fasteners
No.1 ModRib™™ should be fastened with minimum 4 equally spaced fasteners per sheet at every support, including one fastener through the overlap. The Edge lap requires fasteners at 200-300mm centres.

Supports can be steel or timber battens:
- Steel battens to be of minimum 0.48mm BMT G550
- Timber battens to be 70x35mm

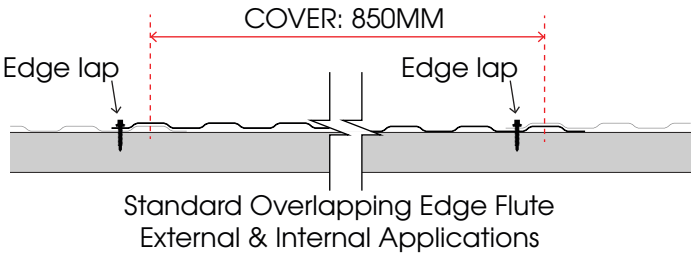
Fastener types:
- For fixing into timber battens or steel battens ≤ 1.0mm BMT:
  - M6 x 25mm Hex Head screws with washer
  - 10 x 25mm Hex Head type 17 with washer

- For fixing into steel battens > 1.0mm BMT:
  - M6 x 25mm Hex Head screws with washer
  - 10 x 16mm Hex Self Drilling (Tek) screws with washer

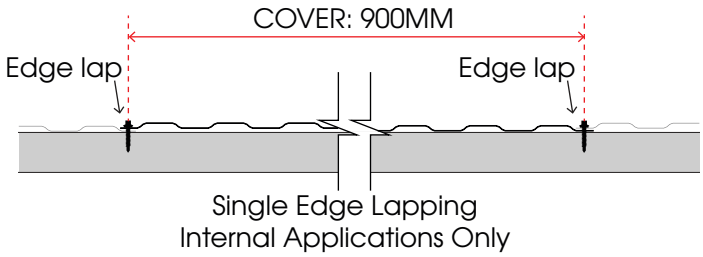
Direction of Installation
Where possible, install No.1 ModRib™ sheets in the direction against prevailing winds.



Edge Lapping Options
There are two options for Edge lapping of No.1 ModRib™: Standard Overlapping Edge Flute, with a standard 850mm cover, and Single Edge Lapping, with a 900mm cover - only recommended for internal applications.



Standard Overlapping Edge Flute
External & Internal Applications



Single Edge Lapping
Internal Applications Only

Fixing Spans and Wind Load Resistance
For buildings situated in non-cyclonic regions and constructed in accordance with AS1170.2 standards, the suggested maximum spacing between supports is 600mm for external use and 900mm for internal applications. These guidelines are based on the following design parameters: a maximum building height of 10 metres, wind speed of up to 50m/s, internal pressure coefficient of ±0.2, and terrain category 3.

Warranties and Limitations of Liability

To the extent permitted by law, our company will not be liable for any direct or indirect loss or damage (including, but not limited to, consequential loss or damage such as loss of profit, loss of use, damage to goodwill, and delays) arising from the use of this publication, regardless of the cause (including breach of contract, negligence, or statutory breach).

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