

FormClad™ Roofing & Cladding

VERSION 2.0 2026

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formsteel.co.nz





Overview

5Rib 750

A versatile trapezoidal profile designed for both roofing and wall cladding applications.

Key Features

- Dual-purpose profile for roofs and walls
- Manufactured from high-strength G550 steel
- Modern trapezoidal design for strong water run-off and structural performance
- Clean, architectural appearance for a wide range of building styles

Applications

Commercial, industrial, agricultural, and residential roofing and wall cladding.

Specifications

- Minimum roof pitch: 5°
- Available in a range of colours or Zinc finishes
- 0.4mm or 0.55mm base metal thickness
- Compatible fasteners, accessories, and translucent sheeting options available

Performance

Designed for durability and reliable performance in New Zealand conditions, providing long-term protection and aesthetic appeal.

5Rib 680

A high-strength five-rib trapezoidal roofing profile designed for projects requiring longer spans, improved water performance, and a consistent architectural appearance with standard five-rib wall cladding systems.

Key Features

- Five-rib profile with a 40mm rib height for increased strength and longer spans
- Manufactured from high-tensile G550 steel
- Improved water-carrying capacity for efficient roof drainage
- Designed to visually match standard five-rib wall cladding profiles

Applications

Commercial and industrial buildings, warehouses, agricultural structures, and other large-span roofing systems.

Specifications

- Minimum roof pitch: 3°
- 0.4mm or 0.55mm base metal thickness
- Available in a range of colours or Zinc finishes
- Compatible fasteners and accessories available

Performance

The deeper 40mm rib provides enhanced spanning capability and improved water run-off, delivering a durable and efficient roofing solution suited to New Zealand conditions.

3Rib 670

A high-rib trapezoidal roofing profile designed for large-span structures where strength, efficiency, and fast installation are essential.

Key Features

- Three-rib profile requiring fewer fixings per sheet than standard five-rib profiles
- Manufactured from high-strength G550 steel
- Designed for long-span roofing applications
- High load-bearing strength with efficient water run-off
- Reduced installation time and lower fixing requirements

Applications

Commercial and industrial buildings, warehouses, agricultural structures, and large-span roofing systems.

Specifications

- Minimum roof pitch: 3°
- Available in a range of colours or Zinc finishes
- 0.4mm or 0.55mm base metal thickness
- Compatible fasteners, accessories, and translucent sheeting options available

Performance

Engineered for structural efficiency, the three-rib profile reduces fixing points while maintaining excellent strength and weather performance for demanding New Zealand roofing conditions.

Maximum building protection for New Zealand weather conditions.

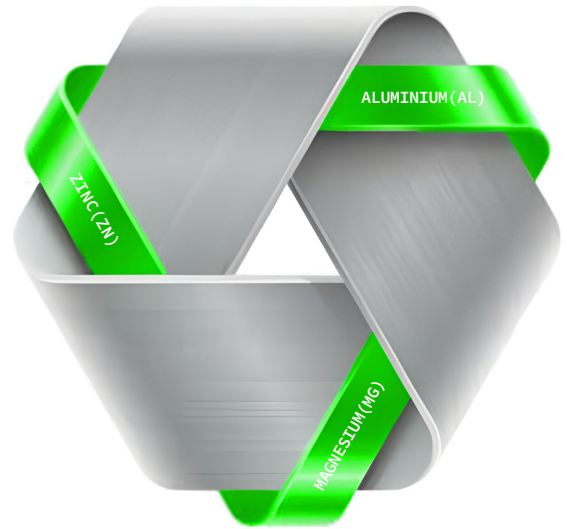


AlloyCoat™ Advanced Steel Protection System

AlloyCoat™ is Formsteel's premium corrosion-resistant steel coating, designed for superior performance across structural beams, roofing, and cladding systems. This high-durability Zn-Al-Mg alloy coating provides exceptional resistance to red rust, edge corrosion, and surface degradation – even in harsh coastal or industrial environments.

More than a protective layer, AlloyCoat™ enhances the longevity, structural integrity, and aesthetic finish of your build – making it the smarter alternative to standard galvanised (GI) steel.

For builds where aesthetics matter as much as performance, Ultra Colour delivers. Pre-painted AlloyCoat 200 features a 30-micron PVDF topcoat and 12-micron primer, using Akzo Nobel paint technology — offering long-term colour stability and fade resistance across roofing and cladding applications.



Performance Benefits

Superior Corrosion Resistance

AlloyCoat™ outperforms standard galvanised steel by up to 5–10× in salt spray testing. The magnesium component forms a protective barrier at exposed edges and cross-sections, arresting red rust and dramatically extending structural service life in coastal, industrial, and high-exposure environments.

Lighter, Longer-Lasting Structures

With higher durability at lower coating weights, AlloyCoat™ enables leaner structural design without compromising lifespan. That means less steel, lower embodied carbon, and easier handling on site.

Ideal for Roofing, Cladding & Beams

Formsteel uses AlloyCoat™ across our beam systems and external envelope products, ensuring a consistent, high-performance finish from core frame to façade.

Environmentally Safer Coating

Chromate-free options available, meeting modern environmental and safety expectations, while still delivering excellent anti-fingerprint and corrosion control.

Advanced Alloy Composition

Aluminum combined with Magnesium forms a dense, tightly adherent corrosion layer (primarily zinc hydroxychloride) that significantly outperforms traditional zinc-only coatings.

Enhanced Marine Performance

The Magnesium addition provides substantially greater resilience than conventional Galvalume in severe marine and high-humidity conditions.

Self-Healing Protection

Magnesium-enriched alloy reacts with moisture to seal scratches and cut edges, restoring protection where damage occurs.

Excellent Cut-Edge Defense

Active corrosion protection minimizes red rust formation at exposed edges.

Reduced Lifecycle Maintenance

Improved durability and barrier performance lower long-term repair and replacement costs.

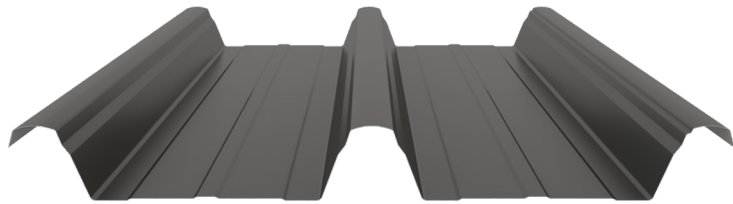
Roofing + Cladding Components and Guide



5 Rib 750 Roofing/Cladding
Coverage 752mm
Product Code: FS750



5 Rib 680 Roofing
Coverage 680mm
Product Code: FS680



3 Rib 670 Roofing
Coverage 670mm
Product Code: FS670

Ultra Colour

Titania	Sandstone Grey	Windsor Grey	Flaxpod	Grey Friars
Ebony				

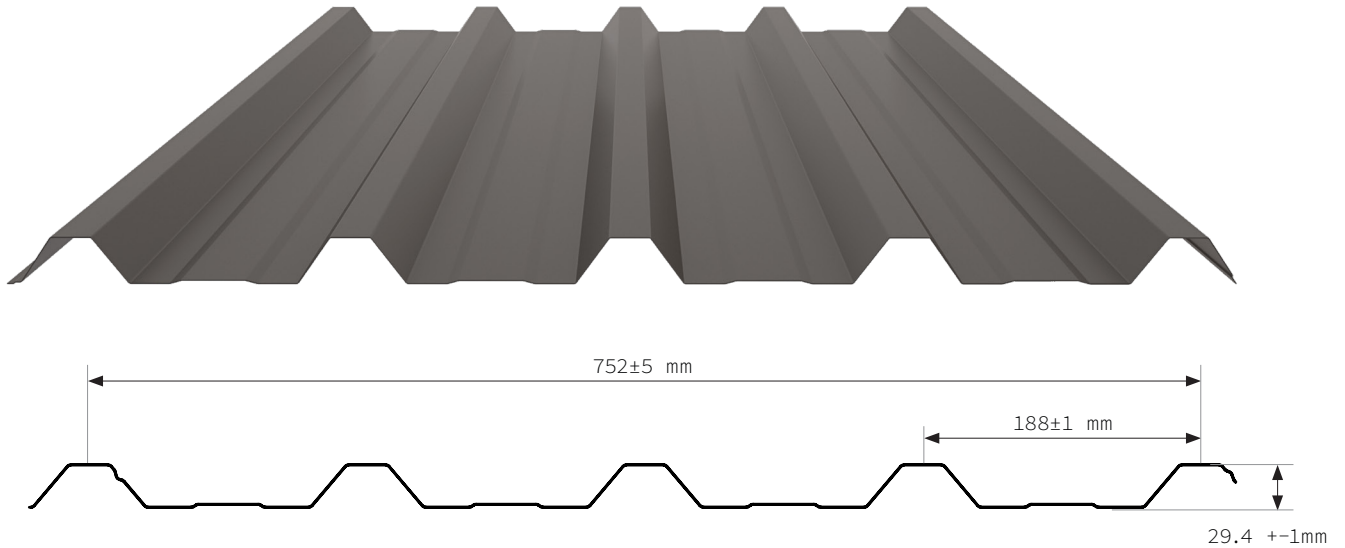
Available colours

Iron Sand	Slate	Thunder Grey	Karaka	Gull Grey
Stone	New Denim Blue			

- Other colours available on request in Coloursteel Maxam colour palette
- Flashings available. See flashings install guide for more details
- Anti-condensation fleece available. See GCD for more information



5Rib 750 Profile



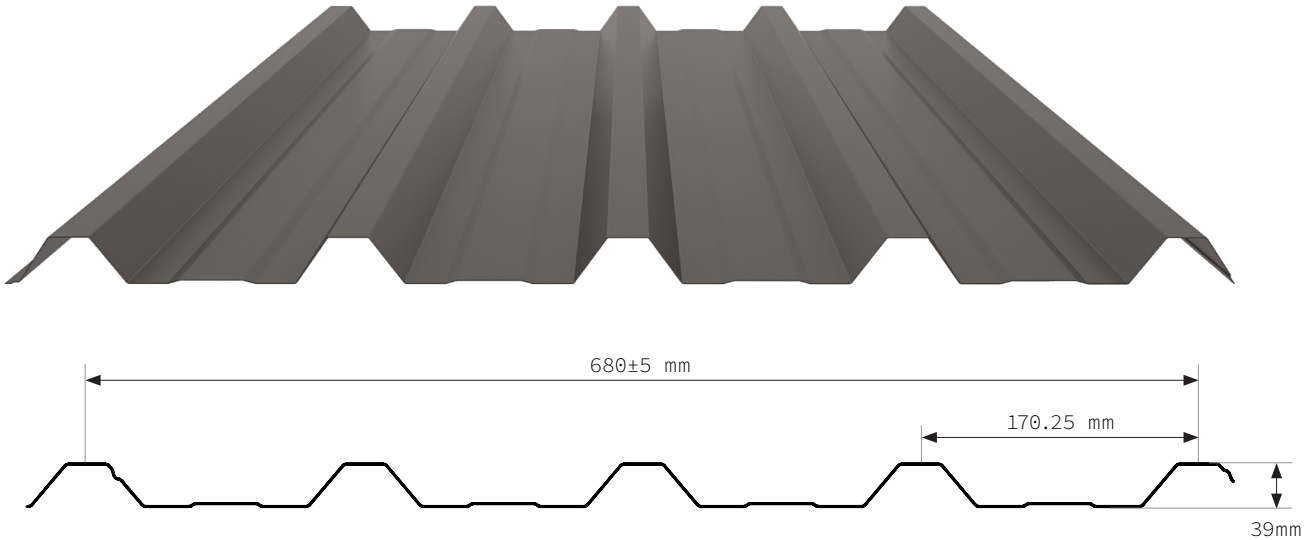
- Aesthetic 5Rib 750 styled profile
- Choose from Ultracolour colour ranges
- Forms structural diaphragm with all ribs working.
- Premium Pre-Painted Coating
- Excellent water carrying capacity
- Minimum pitch 5 degrees
- Strengthens building structure
- Efficient fixing layout designed to meet NZ code requirements.
- Translucent sheeting also available
- G550 grade steel gives more resilience to damage
- UV Resistance suitable for NZS 3604 Exposure Zones B and (Inland & Urban), Zone D (Marine), Zone E (Severe Marine), where substrate corrosion resistance is specified accordingly

Thickness	0.40mm, 0.55mm
Material	Ultracolour G550 as per AS/NZS 1397:2011
Finishes	FormClad PVDF Coating, or Ultracolour
Minimum Pitch	5 degrees
Coverage	752mm
Applications	Commercial / Industrial
Long-run Length	Up to 30 metres custom cut over certain lengths. Ministry of Transport approval may be needed.
Orientation	Roofs, horizontal & vertical wall cladding
Overhang	Min 150mm, Max 300mm. Refer to NZMRM

Without Snow Load									
Roofing Span Length (m)									
SLS wind on roof (kPa)	Simply Supported			End Span			Internal Span		
Thickness (mm)	0.4	0.55	0.75	0.4	0.55	0.75	0.4	0.55	0.75
LOW	2.1	2.3	2.6	2.5	2.9	3.2	2.8	3.2	3.5
MEDIUM	1.9	2.1	2.3	2.1	2.6	2.9	2.3	2.8	3.1
HIGH	1.7	1.9	2.1	1.8	2.3	2.6	2.0	2.6	2.9
VERY HIGH	1.6	1.7	1.9	1.6	2.0	2.4	1.8	2.2	2.6

Span lengths for "without snow load" case shall be multiplied by a factor 1.15 if one of the following condition is met:
 1) Importance level 1 structures OR 2) Ratio between inward and outward wind pressure at SLS is less than 0.7

5Rib 680 Profile



- Aesthetic 5Rib 680 styled profile
- Choose from Ultracour colour ranges
- Forms structural diaphragm with all ribs working.
- Premium Pre-Painted Coating
- Excellent water carrying capacity
- Minimum pitch of 3 degrees
- Strengthens building structure
- Efficient fixing layout designed to meet NZ code requirements.
- Translucent sheeting also available
- G550 grade steel gives more resilience to damage
- UV Resistance suitable for NZS 3604 Exposure Zones B and (Inland & Urban), Zone D (Marine), Zone E (Severe Marine), where substrate corrosion resistance is specified accordingly

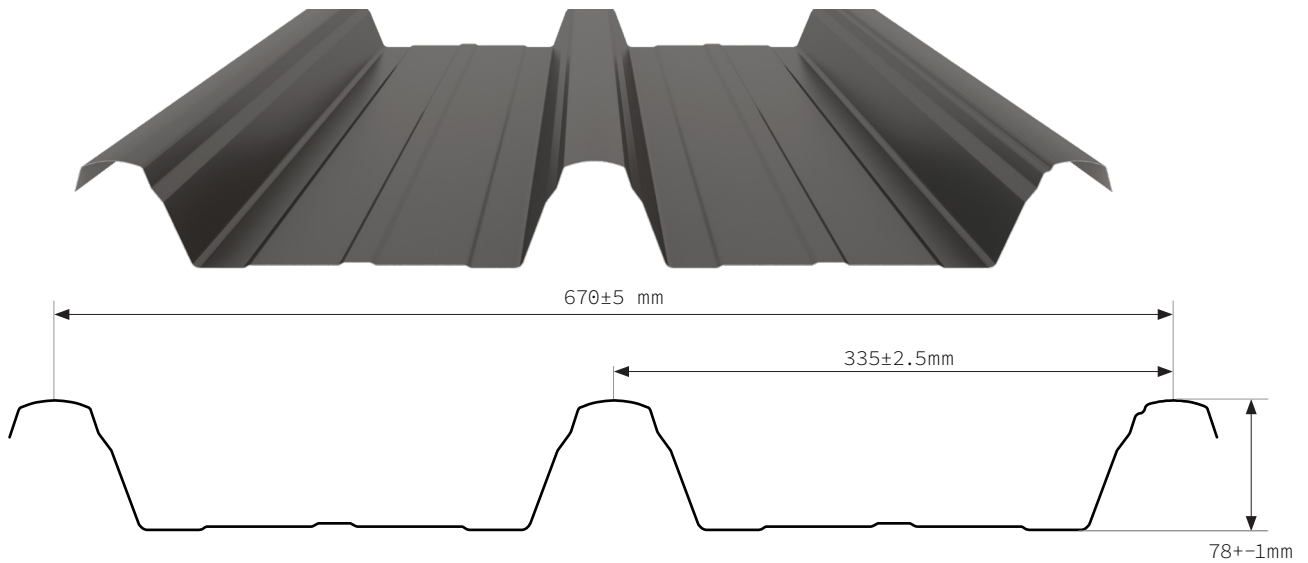
Thickness	0.40mm, 0.55mm
Material	Ultracour G550 as per AS/NZS 1397:2011
Finishes	FormClad PVDF Coating, or Ultracour
Minimum Pitch	3 degrees
Coverage	685 mm
Applications	Commercial, industrial, agricultural roofing
Long-run Length	Up to 30 metres custom cut over certain lengths. Ministry of Transport approval may be needed.
Orientation:	Roofs, horizontal & vertical wall cladding
Overhang	Min 150mm, Max 300mm. Refer to NZMRM

Without Snow Load									
Roofing Span Length (m)									
SLS wind on roof (kPa)	Simply Supported			End Span			Internal Span		
Thickness (mm)	0.4	0.55	0.75	0.4	0.55	0.75	0.4	0.55	0.75
LOW	2.3	3.0	3.3	2.4	3.2	4.1	2.7	3.6	4.5
MEDIUM	2.0	2.6	2.9	2.0	2.7	3.5	2.2	3.0	3.9
HIGH	1.7	2.3	2.7	1.8	2.3	3.0	2.0	2.6	3.4
VERY HIGH	1.5	2.0	2.4	1.5	2.0	2.6	1.7	2.3	2.9

Span lengths for "without snow load" case shall be multiplied by a factor 1.15 if one of the following condition is met:
 1) Importance level 1 structures OR 2) Ratio between inward and outward wind pressure at SLS is less than 0.7



3Rib 670 Profile



- Aesthetic High Rib (78mm) profile
- Designed for ultimate weather protection
- Choose from Ultracolour colour range
- Superior strength and buckling resistance
- Premium Pre-Painted Coating
- Minimum pitch of 3 degrees
- Strengthens building structure
- Translucent sheeting also available
- Quick installation
- G550 grade steel gives more resilience to damage
- UV Resistance suitable for NZS 3604 Exposure Zones B and (Inland & Urban), Zone D (Marine), Zone E (Severe Marine), where substrate corrosion resistance is specified accordingly

Thickness	0.40mm, 0.55mm
Material	Ultracolour G550 as per AS/NZS 1397:2011
Finishes	FormClad PVDF Coating, or Ultracolour
Minimum Pitch	3 degrees
Coverage	670mm
Applications	Commercial / Industrial
Long-run Length	Up to 30 metres custom cut over certain lengths. Ministry of Transport approval may be needed.
Orientation	Roofs, horizontal & vertical wall cladding
Overhang	Min 150mm, Max 300mm. Refer to NZMRM

Without Snow Load									
Roofing Span Length (m)									
SLS wind on roof (kPa)	Simply Supported			End Span			Internal Span		
Thickness (mm)	0.4	0.55	0.75	0.4	0.55	0.75	0.4	0.55	0.75
LOW	3.3	4.4	4.9	3.4	4.6	5.7	3.8	5.1	6.3
MEDIUM	2.7	3.7	4.4	2.8	3.8	4.8	3.1	4.3	5.3
HIGH	2.4	3.2	4.4	2.5	3.3	4.2	2.7	3.7	4.7
VERY HIGH	2.1	2.8	3.7	2.1	2.9	3.7	2.4	3.2	4.1

Span lengths for "without snow load" case shall be multiplied by a factor 1.15 if one of the following condition is met:
 1) Importance level 1 structures OR 2) Ratio between inward and outward wind pressure at SLS is less than 0.7

We believe roofing and cladding should be specified with confidence. Engineered for New Zealand conditions and built to deliver long-term protection and performance.

What Sets Us Apart

Formsteel Roofing & Cladding supply high-performance roofing and cladding systems designed specifically for New Zealand conditions, backed by technical expertise, dependable lead times, and consistent product quality.

We work alongside those in the field - builders, roofers and contractors to ensure they get the right profile, the right specification, and the right support, every time.

The focus is simple. Reliable supply, proven performance and long-term durability.

Our Values

Innovation That Delivers Performance

We continually refine our manufacturing processes, materials, and coating systems to ensure every sheet performs in New Zealand's harshest environments. Innovation for us isn't about trends, it's about better span capability, improved water run-off, faster installation, and long-term resilience.

Strength You Can Specify With Confidence

From G550 high tensile steel to premium coating systems, our products are engineered for durability and compliance. Every profile is designed to meet current code requirements and deliver long-term performance in commercial, industrial and agricultural applications.

When you specify Formsteel, you're specifying proven strength, backed by robust warranties and technical support.

Partnerships That Work

We understand wholesale is about reliability and relationships.

We work closely with installers and project teams to ensure smooth ordering, accurate custom lengths, correct fixings and accessories, and on-time delivery.

Practical advice. Responsive support and real accountability.

**50 YEARS
STRONG**

Celebrating half a century building NZ



 **nutrinza**
The Science of Animal Nutrition
Customised dairy nutrition blend specialists
nutrinza.com 0800 784 721



FormClad™

Maximum building protection for
New Zealand weather conditions.

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