SLIMCLAD™

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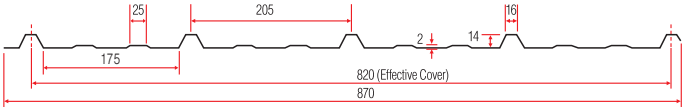
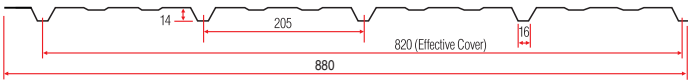
Traditional



All measurements are nominal, in mm. Sheet cover width tolerance +/-5mm.

Reverse Run

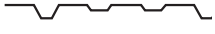


Manufactured and supplied as 0.55 BMT

Reverse Run Swaging Options

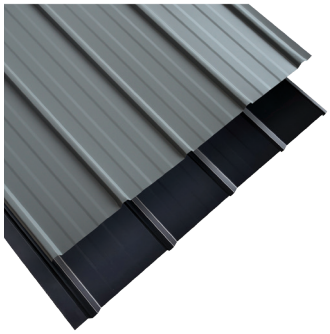
Reverse run Slimclad™ Panel and Cladding is available with two swaging variations to meet design criteria

- **Twin half swage** – Delicate and reasonably shallow (recommended)



- **Twin full swage** – Deeper than half swage, for aesthetics purposes

Note: Profile pan width will vary between options



Description

A cost efficient and practical low rib cladding profile particularly effective for use across a wide range of residential, rural and commercial projects. Available as both traditional profile shape or alternatively as reverse run option and portraying the increasingly popular architectural negative detail cladding, Slimclad™ can be supplied in both prepainted and unpainted surface finishes utilising various swaging options meeting design and environmental requirements.

When supplied and installed in the reverse run configuration, Slimclad™ can be direct fixed providing an appropriate cavity and alleviating the use of costly cavity forming systems. Additionally and to complement overall project appeal, variations in window and door flashings are available as both picture frame or secret fixed options.

Slimclad™ is not recommended for normal trafficable roofing, however Slimclad™ may be used as an attractive low-ribbed roofing product for use on smaller residential garden-type sheds and portable cabins.

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SLIMCLAD™

Applications

- Rural shed cladding
- Residential shed and outbuildings cladding
- Reverse-run feature cladding
- Commercial building cladding
- Portable cabins
- Interior linings
- External and internal partitions
- Fencing
- Doorway entrances and canopies

Accessories

A full range of matching accessories is available, including hidden and "picture frame" flashings, underlays, insulation, fasteners, Ezi-Flo™, rainwater products.

Roof Pitch

When used as roofing, a minimum pitch of 5 degrees with a sheet length of less than 3 metres is recommended.

Materials (Steel based)

- Zincalume® Steel: 0.40mm or 0.55mm BMT, AM125 (125g/m²) G550 MPa Yield Stress.
- Prepainted ColorCote ZinaCore® 0.40mm or 0.55mm BMT.
- Prepainted Colorcote MagnaFlow™ 0.40mm or 0.55mm BMT.
- Prepainted Colorsteel Maxam® 0.40mm or 0.55mm BMT.

Slimclad™ in the reverse run profile is only manufactured and supplied in 0.55mm BMT material.

Where available, it is recommended that low gloss or low sheen paint coatings in 0.55mm BMT material is used for reverse-run cladding.

INFORMATION TABLE

Substrate Material	Steel*	
Base Metal Thickness (mm)	0.40	0.55
Sheet Weights (kg/m)	3.20	4.27
Max. Sheet Overhang[1] (mm)	75	100

Weights are approximate *Based on 150g/m2 alloy coating [1]From last fixing to sheet end

For information on maximum recommended nogg/girt spacings and load span data, refer to the Slimclad™ PTS available from www.roof.co.nz.

Cavity

Where Slimclad™ Reverse Run is used as wall cladding, drainage is provided by cavities formed between the Slimclad™ and the framing without the need for a drained cavity batten system. (Refer to the independent report by Building Cycle available from Roofing Industries). Slimclad™ Reverse Run is an alternative solution to E2/AS1, and subject to council approval.

Durability

Selection of the correct grade of material and appropriate surface coating is imperative to ensure Slimclad™ will perform satisfactorily in the environment it is to be installed and meets the requirements of The NZ Building Code. Information regarding environmental categories and coating systems is available on request.

Surface undulation "Oil Canning"

Oil canning is defined as a perceived waviness across the flat area of (in particular, but not limited to) wider metal panels. It is a naturally-occurring phenomenon and can be more discernible under shallow cross lighting, variation in light source, temperature and thermal changes. Oil canning is an aesthetic issue and not a structural problem or defect. The property owner, builder, specifier should be aware that these undulations do not affect performance.

Translucent and Transparent roofing

Slimclad™ is available as profile matching glass reinforced sheeting, thereby providing natural lighting to any project.

Fixings and Fasteners

Must be of an approved type, compatible with all materials including environment where installed.

Roof Application

Fixed every purlin on every rib with class 5 hex head screws and Neo seal. For more information refer to Slimclad™ Product Technical Statement at www.roof.co.nz.

Walling application

Fixed every pan (adjacent to every rib) into all noggs/girts using approved class 5 (small hex head) Timber fixing (or Steel fixing) with Neo seals, ensuring that when the fastener is into timber it is of sufficient length achieve 30mm embedment into framing. Due to the variations in design and metal substrates steel girt thickness, further reference should be made to the Slimclad™ Product Technical Statement at www.roof.co.nz.

Handling and storage

- On delivery, visually inspect sheets for damage.
- Store Slimclad™ and accessories on evenly spaced and supportive dunnage, clear of the ground and under cover.
- Slimclad™ is supplied with surface strippable protected plastic film and should be removed immediately after the product is installed.
- If packs become wet and the product not used immediately, separate the sheets to allow air circulation and drying.
- Do not drag sheets across each other.

Installation

Firstly, refer to Slimclad™ Product Technical Statement; Handling Storage and Installation Guide, E2/AS1 and NZ Metal Roof and Wall Cladding Code of Practice. Failure to install all products in accordance with industry requirements may void the warranty.

Maintenance

Regular maintenance should be performed as necessary to remove dirt, salt and pollutants and extend the life of both Slimclad™ wall cladding and accessories.

Industry maintenance guides are available from www.roof.co.nz and should be considered to ensure warranty conditions are fulfilled.

Warranties

Warranties are available on request. Refer to ColorCote® and Colorsteel® literature for environmental zones, coating systems and warranty information.

ROOFING INDUSTRIES BRANCHES

Auckland	**(Head Office)** 5 John Glenn Avenue, North Harbour 0632.	**Ph: (09) 414 4585**	**E: auckland@roof.co.nz**
Whangarei	17 Stan Semenoff Lane, Raumanga, Whangarei 0110.	**Ph: (09) 437 2040**	**E: northland@roof.co.nz**
Pukekohe	212 Manukau Road, Pukekohe, Auckland 2120.	**Ph: (09) 238 0050**	**E: franklin@roof.co.nz**
Hamilton	63 Tasman Road, Avalon, Hamilton 3200.	**Ph: (07) 849 5115**	**E: waikato@roof.co.nz**
Tauranga	80 Portside Drive, Mount Maunganui 3116.	**Ph: (07) 578 2650**	**E: tauranga@roof.co.nz**
Taupo	1101 Rakaunui Road, Rotokawa 3378.	**Ph: (07) 376 7971**	**E: taupo@roof.co.nz**
Hawke's Bay	5 Poporo Way, Longlands, Hastings 4175.	**Ph: (06) 281 2586**	**E: hawkesbay@roof.co.nz**
New Plymouth	11 Oropuriri Road, Waiwhakaiho, New Plymouth 4312.	**Ph: (06) 758 3003**	**E: taranaki@roof.co.nz**
Palmerston North	653 Tremaine Avenue, Palmerston North Central 4414.	**Ph: (06) 353 8480**	**E: central@roof.co.nz**
Wellington	26 Jamaica Drive, Grenada North, Wellington 5028.	**Ph: (04) 238 4390**	**E: wellington@roof.co.nz**
Blenheim	5 Kendrick Road, Riverlands 7274.	**Ph: (03) 934 5901**	**E: blenheim@roof.co.nz**
Christchurch	12 William Lewis Drive, Sockburn, Christchurch 8042.	**Ph: (03) 339 2324**	**E: christchurch@roof.co.nz**
Dunedin	33 Strathallan Street, South Dunedin, Dunedin 9012.	**Ph: (03) 455 4444**	**E: dunedin@roof.co.nz**
Southern Lakes	3 Proctor Way, Cromwell 9310.	**Ph: (03) 928 6869**	**E: cromwell@roof.co.nz**
Invercargill	133 Bill Richardson Drive, Avenal, Invercargill 9810.	**Ph: (03) 218 7663**	**E: invercargill@roof.co.nz**

It should be noted that this technical data sheet is based around the requirements of E2/AS1 of the NZBC. For buildings or uses that are outside the scope of, or NOT required to comply with E2/AS1 alternative technical data may apply. Please refer to our website www.roof.co.nz. This literature must be read in conjunction with our Slimclad™ Product Technical Statement at www.roof.co.nz.

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