



*\*All dimensions given are nominal and vary dependent on chosen the materials gauge and tensile*

*\*Dimensions are nominal*

## STEELFORMERS TRADITIONAL PROFILE

With its strong traditional appeal, ease of installation and relatively low cost, Steelformers Corrugate finds immediate acceptance in both domestic and commercial markets. Available in a range of coatings either plain or pre-painted with custom made flashings and accessories to match, Corrugate is also warranted for coating performance\*, corrosion resistance and substrate integrity. So whatever the choice, drupe-curved, bull nose, laid horizontally or vertically, let your imagination run wild with Steelformers Corrugate.

*\*Excluding GALVSTEEL®*



# STEELFORMERS CORRUGATE

PROFILED METAL ROOFING AND CLADDING

Taranaki Steelformers Ltd, a locally owned and operated company, is Taranaki and Wanganui's largest manufacturer of steel roofing and cladding products. We deliver superior customer service by using our own vehicles to supply both domestic and commercial customers from our network of four branches; Stratford, New Plymouth, Wanganui and Taumaranui.

## CHOICE OF MATERIAL

Corrugate is available in ZINCALUME®, GALVSTEEL®, COLORSTEEL® ENDURA® and MAXX® - manufactured in 0.40mm BMT (G550) and 0.55mm BMT (G550/G300) grades. Corrugate can also be rollformed in 0.9mm BMT mill finish aluminium and ColorCote® AlumiGard™ coloured aluminium (available upon request). Corrugate is also available in New Zealand Steels Dridex® range. A range of Alsynite topglass and polycarbonate clear sheeting is available to match.

*All material selections must be compatible with the environmental conditions. References on the limitations of each grade of material in the environment can be found on New Zealand Steel and Pacific Coilcoaters websites.*

## MINIMUM PITCH

In accordance with Acceptable Solution E2, the minimum roof pitch for Steelformers Corrugate is 8°.

## FASTENERS AND FIXINGS

Fasteners must be class 5 minimum and compatible with the material being fixed. All screws must have a neoprene washer and in some cases may require a load spreading washer and EPDM. Ensure that the fasteners durability is equal to the durability of the material.

Typically (roofing): Steel or timber fixing 12g x 55mm  
Typically (cladding): Steel fixing 12g x 20mm or timber fixing 12g x 25mm.

*The NZMRM Code of Practice provides information on fixing selection, methods and placement according to wind zones.*

## MAXIMUM SPANS

The following chart shows the maximum permissible purlin spacing (span) for Corrugate G550 (under 1KN concentrated load).

MATERIAL	MIN. PITCH	INT. SPAN	END SPAN
0.40mm BMT	8°	1.2m	0.9m
0.55mm BMT	8°	1.6m	1.2m

These should be reduced in high foot traffic areas, areas supporting items such as air conditioning units or positioned to suit specific locations e.g. high wind zones.

## DELIVERY

Steelformers has the means of delivering lengths up to 16.2m. Contact your nearest Steelformers branch for more information. Longer lengths can be delivered upon arrangement (delivery fees apply - price on application).

## INSTALLATION

Installation must be completed by, or under the supervision of a Licensed Building Practitioner with the relevant license class. All installations should be to the standards as set out in the NZMRM Code of Practice.

## DESIGN DETAILS

Construction details covering roofing and cladding applications are available on our website.

## NZ BUILDING CODE COMPLIANCE

Past history and testing results from New Zealand Steel and Pacific Coilcoaters on their products indicate that providing the correct product for the environmental conditions are used, Corrugate installed in accordance with the NZMRM Code of Practice, and maintained in accordance with their literature will meet the performance criteria of the New Zealand Building Code. *The NZ Building Code durability requirement does not include aesthetic appearance.*

## WARRANTY AND MAINTENANCE

Warranty is subject to the use of the appropriate product for the environment. Prior to selecting a product, the product type and material along with site details including address, distance from the sea and degree of exposure need to be considered to ensure the chosen material is suitable for the environment in which they will be exposed. To prevent the accumulation of dirt and other material not removed by rain, manual washing is required. The recommended washing frequency is every 6 months, and more often for more exposed areas. Reference must be made to New Zealand Steel Ltd or Pacific Coilcoaters literature for exact details of maintenance requirements.



**IN THE LONG RUN  
IT PAYS TO GO WITH  
THE LOCALS**

Because of Taranaki Steelformers policy of continuous product improvement, the company reserves the right, at any time and without notice to discontinue or modify designs, features and other specifications of their product. TSF reserves the right to either temporarily or permanently withdraw any such product from the market without incurring any liability. Taranaki Steelformers disclaim any liability for loss or damage suffered from the use of such material as all information is correct to the best of our knowledge at the time of printing. As this publication is only issued as a general guide it should not be treated as a substitute for detailed technical advice.