



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

**Dimensions are nominal*

STEELFORMERS GREAT NEW PROFILE

Steelformers DB7 is sleek, strong and stylish. It has a wider effective cover, high strength for wider purlin spacings and excellent water run off for low pitch roofs. Manufactured in our New Plymouth factory, it is one of the most stylish roofing and cladding products available, with its strong visual appeal and bold shaped profile. Being light and strong, Steelformers DB7 finds immediate acceptance in both domestic and commercial markets. DB7 is warranted for coating performance*, corrosion resistance and substrate integrity. Add value to your home or building with this great new profile.

**Excluding GALVSTEEL®*



STEELFORMERS DB7

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

DB7 is available in ZINCALUME®, GALVSTEEL®, COLORSTEEL® ENDURA® and MAXX® - manufactured in 0.40mm BMT (G550), 0.55mm BMT (G550/G300) and 0.75mm BMT (exc. GALVSTEEL®). DB7 can also be rollformed in 0.9mm BMT mill finish aluminium and ColorCote® AlumiGard™ coloured aluminium (available upon request). DB7 is also available in New Zealand Steels Dridex® range. A range of Alsynite topglass equivalents are 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 DB7 is 3°.

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 14g x 75mm
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 DB7 G550 (under 1KN concentrated load).

MATERIAL	MIN. PITCH	INT. SPAN	END SPAN
0.40mm BMT	3°	1.9m	1.3m
0.55mm BMT	3°	3.6m	2.4m

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, DB7 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.