



METDEK500



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LONG-RUN METAL ROOF & WALL CLADDING

Metdek500 can be used as a residential roofing or commercial roofing, ideal for low pitches and suitable for cladding. Employing a concealed clip system, Metdek500 is available in Zinalume, Colorsteel Endura, Colorsteel Maxx and in Aluminium.

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PRODUCT APPLICATION

The correct application of each grade of material is critical to product performance and life expectancy. Before commencing a project the user must refer to the environmental guide, the product data, the handling and storage guide and the installers guide as produced by New Zealand Steel. Further information including load span data and graphs is also available from Metalcraft branches and freely viewable and downloadable at www.metalcraftroofing.co.nz. It is important that the requirements of these guides are taken into account when making the selection of the material to be used.

ENVIRONMENTAL

The correct grade of material for use in various environments is given in the New Zealand Steel Environmental Guide. This is available from Metalcraft branches and can be viewed and downloaded at www.metalcraftroofing.co.nz

PRODUCT INSTALLATION

HANDLING AND STORAGE:

Detailed information is included in the New Zealand Steel Installers Guide. Important considerations are as follows:

- Site Storage which ensures that sheets are kept dry and ventilated.
- Reducing risk of surface damage to surface coatings during handling, installation and by other trades.
- Ensuring that spans and pitches used are not outside those recommended by Metalcraft Roofing
- Ensuring that correct and sufficient fasteners are used.
- Installation in contact with incompatible materials is avoided.

MINIMUM PITCHES:

In moderate environments for sheet lengths up to nine metres the minimum pitch for Metdek500 is 3 degrees. Add 0.5° for every five metres of additional sheet length. If in doubt, refer to your nearest Metalcraft branch.

FASTENERS:

The selection of the appropriate fastener is essential to performance of the roof. The durability of the fastener should be, as a minimum requirement, equal to that of the roofing or cladding. If in doubt, refer to your nearest Metalcraft branch.

RECOMMENDED FIXINGS:

TIMBER: Spiral Shank Nails 45 x 3.55mm

or 8g x 25mm counter sunk screws

STEEL: Wafertek 10G x 16mm

Fixing Patterns – 1 clip per sheet per purlin

MAINTENANCE

Regular maintenance is required to maximize the lifetime of metal roofing products. Areas that do not receive regular washing with rain, such as canopies, cladding, garage doors, fascia, gutters and downpipes require increased maintenance. Accelerated corrosion can occur where salts and pollutants combine with condensation. For moderate environments a six monthly cleaning program is required, whilst for severe and very severe environments a quarterly program is required. The definitions of the environmental categories can be found in the New Zealand Steel Environmental categories guide. This is available from Metalcraft branches or is viewable and downloadable from www.metalcraftroofing.co.nz

WARRANTIES

Warranties are available for Colorsteel, Zinalume and Alsynite translucent product. Warranties are dependent upon application and location of each site. Contact your nearest Metalcraft branch for details.

DISCLAIMER

As part of Metalcraft Roofing's policy of continued improvement, final specifications may vary from those contained in this publication. The company reserves the right at any time and without notice to change the design, materials or features and withdraw products from the market without incurring any liability whatsoever.

This publication is issued as a general guide only and should not be treated as a substitute for technical advice. Contact with your nearest Metalcraft branch is recommended to confirm current specifications and availability.



Metalcraft Roofing is nationwide, to find your nearest branch contact us at:

www.metalcraftroofing.co.nz

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METDEK500 PROFILE

