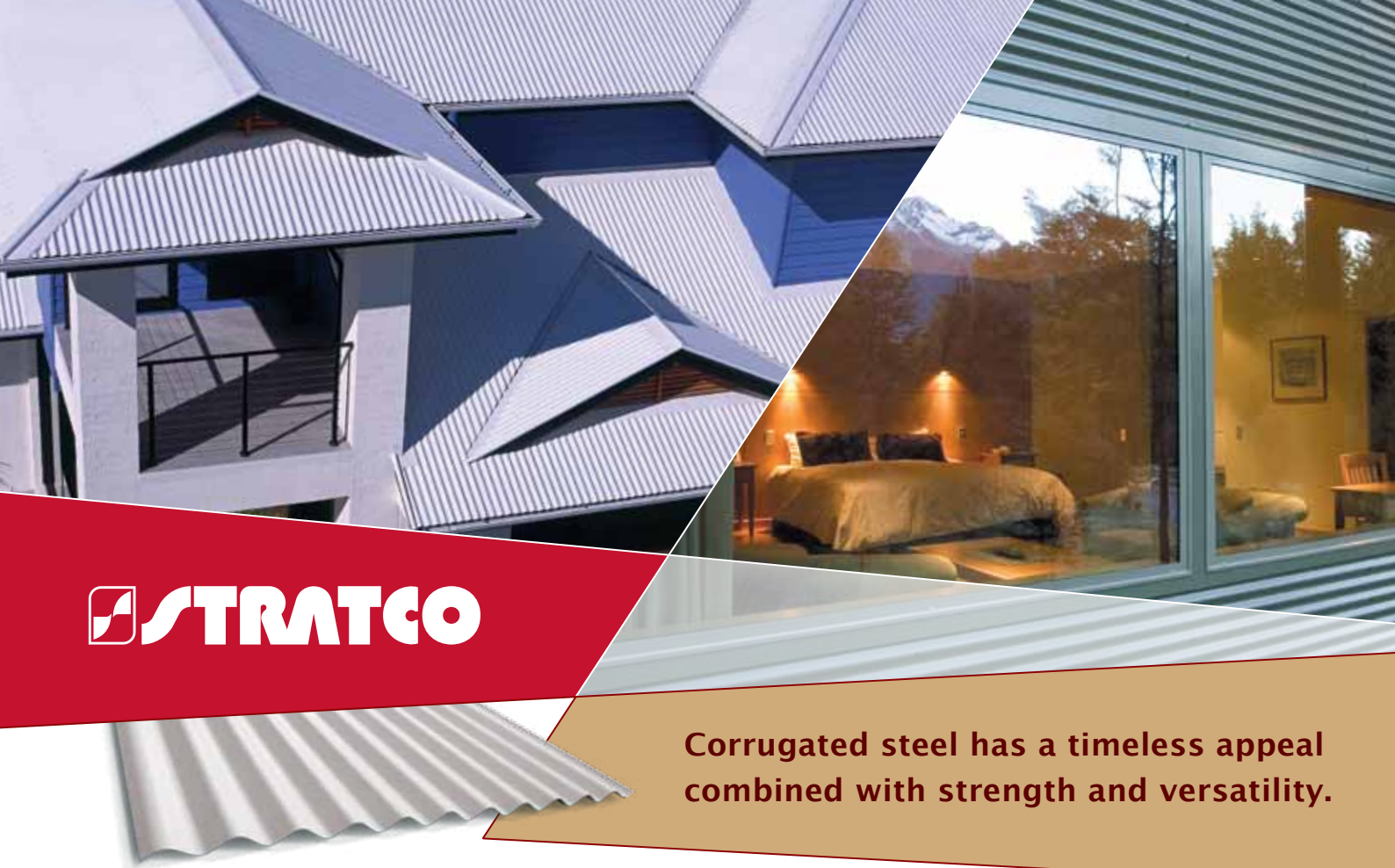


CGI Corrugated

 STRATCO





Corrugated steel has a timeless appeal combined with strength and versatility.

FORM AND FUNCTION

Stratco Corrugated Iron (CGI) provides you with the style and strength that have been popular in Australia and New Zealand for well over one hundred years. CGI has the advantage of high strength, adaptability and easy handling and installation. It is a practical and versatile solution for roofing and walling applications. Its profile enables it to blend in with contemporary homes, older styled homes, industrial buildings or sheds. In addition, CGI is popular in domestic fencing applications.

CGI is made from high tensile steel for strength and impact resistance. It is available in long lengths for added life and enhanced appearance. It has a non-syphoning side lap which reduces the risk of moisture transfer between sheets due to capillary action, thus reducing the risk of roof leakage. CGI is available in un-painted zinc/alum, and in an attractive range of factory pre-painted colours.

CUSTOM MADE FOR YOUR PROJECT

For lengths longer than 1.2 metres, CGI is rolled to the specific length you require, provided satisfactory transport and handling facilities can be arranged. If lengths longer than ten metres are required, consult your nearest Stratco for advice on handling and transport.

To give your roof a professional finish, painted self-drilling screws are available. Stratco offer a complete range of accessories and flashings for use with CGI, and can provide professional advice on specific flashings. In addition to straight CGI sheeting, pre-curved or bullnosed CGI sheets are available. Technical details are provided in a brochure which deals with this type of application.

DESIGN CONSIDERATIONS

CGI has a 762mm coverage and the minimum recommended roof pitch is five degrees (1 in 12). CGI roofing is subject to thermal expansion. Darker colours are affected more than light, and spring curved sheeting needs additional consideration. The maximum length before an expansion joint is needed is 24 metres for light colours, and 16 metres for dark colours. For spring curved sheeting this distance is 20 metres for light colours and 16 metres for dark colours.

Spring Curving

CGI roofing may be spring curved using purlins at a maximum spacing of 800mm for .42mm BMT and 1000mm for .48mm BMT. The curve must have a minimum radius of 12m for .42mm BMT and 10m for .48mm BMT. The maximum radius is 35m to allow for sufficient drainage over a crest. The side laps must be sealed wherever the roof pitch is less than the recommended minimum.

