

Tiles in Severe & Very Severe Marine Environments

To Whom It May Concern

Re: Gerard® Roof Tiles in Severe/Very Severe Marine Environments.

NZBC B2 requires durability of 15 years for a non-structural roof cladding as per Table 1 of B2/AS1. While manufacturers of other roofing materials may require specific products, the tiles produced by Gerard Roofing and sold in the New Zealand market under the Gerard® brand are designed to be suitable for all environments including severe/very severe marine environments. We offer a 50 year warranty on our metal roofing tiles even in these extreme environments. The installation and maintenance requirements required to meet the needs of NZBC B2 are also covered in the 50 year warranty.

Our durability is accomplished by a combination of the Zincalume substrate and proprietary coating which is typically thicker than other coated products such as longrun. These tiles are evaluated by an independent corrosion specialist using accelerated testing regimes and by real-time environmental exposure at a number of test sites, which include two located in severe/very severe marine environments at Wanaka Terrace and Rings Beach, Coromandel.

In addition to our warranty, we are also comfortable that we meet the requirements of B2 based on the In-service History Evaluation allowed under B2/VM1. At the two sites listed above we have roofs which are in good condition after 23 and 36 years respectively. Evaluations continue on other roofs which are in excess of 28 years.

In summary, we have confidence that roofs installed as per Gerard Roofs installation manual and maintained in accordance with our warranty will last in excess of 50 years and we have a number of test sites on in-service buildings which prove durability in excess of 36 years with minimal degradation in aesthetics and no degradation of performance.

Should this not address your concerns, please feel free to contact me in person so I can better understand your reservations.

Regards

Dean Vincent

Peter Richards

Sales and Marketing Manager

Product Innovation Manager

New Zealand and Pacific regions