

STATEMENT ON FIREFLY AGE TESTING EVIDENCE: NEW ZEALAND

This document serves as a statement from the Manufacturer, Tenmat Ltd. regarding the performance of Tenmat passive fire protection materials in external applications in New Zealand. Based on evidence from internal tests carried out following the general principles outlined in UL1479 and ISO5630-3:1996, the following materials have been demonstrated to maintain their performance over a minimum service life of 60 years:

FF102
FF102b
FF106
FF107
FF108
FF109.

The above statement is based on accelerated age tests performed over a duration of 12 months, with the products showing no deterioration in performance over the duration of the test. The extrapolation for the minimum service life of the product is based on a mean temperature in New Zealand of 12.4 °C^A.

Yours Sincerely,



Dr Daniel Reid
Technical Manager

24th January 2020

^AMean monthly temperatures (°C), 1981–2010. National Institute of Water and Atmospheric Research (NIWA). 2016. Retrieved 22 October 2019.