

27<sup>th</sup> May 2021

**Re: Use of Pryda Screws for the tie-down of wall plates to studs**

I, Adam Dawson, being a Chartered Professional Engineer, hereby certify that the connection of wall plates to studs using Pryda screws has been designed and recommended in accordance with soundly based and widely accepted engineering principles. The Pryda screws provide a quicker, easier, safer and stronger solution than existing stud ties.

Pryda screws are available in two lengths for stud connections of stick-built wall frames, WM8135PS (M8x135) and WM8175PS (M8x175). The capacities for the screws have been derived from laboratory tests and verified in accordance with the relevant Australian and New Zealand Standards.

The zinc coating on the screws provide adequate corrosion protection for use in any environment on wall frames that are within a closed building envelope. It is assumed that the wall frame remains dry in service without being subjected to airborne salts or rain wetting.

Design capacities and installation instructions for their use in different wall frame configurations, and to suit various wind regions and roof truss layouts, are provided on the Pryda product data sheet.

Certified by:



**Adam Dawson MIEAust, CPEng, CMEngNZ, NER, RPEQ (21909)**

Technical Manager Pryda ANZ

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