

14th March 2009

To whom it may concern,

www.chhwoodproducts.co.nz

Re: Structural Certification – designIT Series 4

As a Chartered Professional Engineer, qualified and experienced in timber engineering design, I certify, for and on behalf of Carter Holt Harvey Woodproducts, that the designIT for houses software has been prepared in accordance with soundly based and widely recognised engineering principles.

designIT for houses is provided to designers, architects and engineers to assist in the specification of our Engineered Woodproducts and sawn timber products, to be used as structural elements for the construction of buildings that fall within the scope and limitations of NZS 3604.

Carter Holt Harvey further certify that the design methodology used for the software complies with the loading and general design requirements contained within AS/NZS 1170:2002 and with timber structural design in accordance with NZS 3603:1993 including Amendment 4 (Verification method B1/VM1, 6.1). This design methodology uses the most up to date information available from joint Australian/New Zealand standards to ensure designIT solutions correspond with performance levels of design solutions given in NZS 3604:1999

designIT relies on the accurate input of span and loading information by the user. Carter Holt Harvey certifies that when accurate inputs are submitted the product and/or stress grade and the size given will comply with the structural requirements of the New Zealand Building Code, provided the installation is in accordance with the installation requirements provided by designIT and/or in product literature and/or NZS 3604, as appropriate.

The following standards were consulted in the development of designIT:

NZS 3603:1993 Timber Structures Standard.
NZS 3604:1999 Timber Framed Buildings.
AS 1720.1 – 1997 Timber structures. Part 1: Design methods.
AS 1684.1 – 1999 Residential timber framed construction. Part 1: Design criteria.
AS/NZS 1170:2002 Structural design actions, Parts 0, 1 & 2.
AS/NZS 1170:2003 Structural design actions, Part 3: Snow and ice actions



Warwick Banks
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Technical Manager
For and on behalf of CHH Woodproducts New Zealand