


Home Star Submission Pack

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Validity	Originally created on 20/04/2102 Valid only for the following tools: Homestar V2.0
Client	Fletcher Aluminium
Product name	Pacific Thermal Suite
Product description	<p>The Pacific Thermal Suite can provide additional heat retention to what double glazing alone can provide. This is achieved through a thermally broken frame, unlike standard aluminium joinery which is highly conductive the frame has a thermal barrier which prevents heat transfer and considerably reduces the chance of condensation</p> 



This document represents the conclusions of a thorough analysis and review of manufacturer and product information in relation to Green Star NZ rating tools and requirements.

Notice

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The information presented in this report is valid for the Green Star® NZ / Homestar tools nominated herein only and no other environmental rating tool, system nor any other sustainable procurement guidelines or requirements. As and when new Green Star® NZ / Homestar tools are published, the information may require updating. EnviroSpec will only update information in this report upon receiving written consent from the Manufacturer/ Supplier. It is the responsibility of the reader to check for regular updates nominated on the NZGBC website.

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Home Star Summary Sheet

Note: A two-page printable "summary sheet" is provided separately. Please refer to www.envirospec.co.nz

Tool	Credit category	Points available ¹	Contribution symbol	Contribution Potential (points) ¹	Detail
Homestar V2.0	MAT - 1	9	✓	1 merit (out of 1 available for this construction system)	This credit rewards the selection of eco-preferred and responsibly sourced materials. Windows are one of thirteen possible construction types eligible for 1 merit each. Fletcher Aluminium are ISO14001 certified. The Aluminium they source for the Pacific Thermal Suite comes from NZAS which is also ISO14001 certified. This satisfies the Chain 1 and Chain 2 requirements notified in the Homestar Technical Manual for the "Metals" category and allows the product to contribute towards 1 merit for its material type and application.
	EHC - 6	15	○	Contribution factor	This credit rewards the reduction of consumed energy associated with space heating of the house, through good passive solar design and insulation. Thermal broken double glazing windows have higher thermal performance. Providing a positive contribution towards EHC-6 and may help pass mandatory minimum requirements to achieve 7 star rating or above in Homestar.
	EHC - 7	4.5	○	Contribution factor (up to 1.6 points for condensation points)	Selecting 'Thermally Broken Double Glazing' in the Homestar tool allows passing the minimum R value of 0.3 for windows to reduce the risk of mould and to increase the durability of the home. If combined with construction methods ensuring ceilings/ walls/floors meet minimum R-value of 1.5, then 1.6 points can be achieved.

¹ Points available and points achieved are considered pre-weighting. Final Green Star NZ category weightings for each tool still apply.

Annexe A – Supporting evidence

Certificate of Registration

This is to certify that

Fletcher Aluminium Limited

having been assessed by Telarc SAI Limited and having been found to operate a management system conforming to

AS/NZS ISO 14001:2004

Is hereby designated

TELARC REGISTERED

for the systems, goods or services specified in the schedule to this certificate

Registration number: **187**

Certificate Issued: 22 June 2010

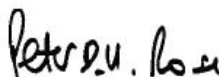
Original Registration: 11 May 2010

Current Registration: 11 May 2010

Expiry Date: 11 May 2013

Chairperson

Chief Executive



This certificate and its associated schedules remain the property of Telarc SAI Limited and must be returned if registration is withdrawn



Registered by Telarc SAI Limited 626 Great South Road, Ellerslie, Auckland 1051, Private Bag 28901, Remuera, Auckland 1541. Telephone: 64 9 525 0100 Facsimile: 64 9 525 1900 and subject to the Telarc SAI Limited Terms and Conditions for Certification. While all due care and skill was exercised in carrying out this assessment, Telarc SAI Limited accepts responsibility only for proven negligence. To verify that this certificate is current please refer to the JAS-ANZ register at www.jas-anz.org/register.

