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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> 

Manner in which the product may contribute towards points	Legend of Symbols in EnviroSpec
• Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc)	✓
• Products may help achieve points by their very nature, if they are specified and included in the design in accordance with Green Star NZ / Homestar requirements (e.g. bicycle racks)	●
• Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR This product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator)	○

Disclaimer

Please read this carefully

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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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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 Homestar category weightings still apply.