

Product Name	Premier Insulation Polyester Thermal & Acoustic (ECA certified range only)
Document Type	Green Building Rating Compatibility Analysis
Document Code	ES-GSNZ-26-109b1
Client	Premier Insulation

Premier 100% Polyester Insulation is a thermally bonded insulation product manufactured in New Zealand using polyester fibres, including a minimum of 45% recycled PET. It is designed for thermal insulation in walls, ceilings, suspended floors, and mid-floor applications, and is available in multiple formats such as blanket, segment, and skillion systems. All Polyester products have a DECLARE red-list free label, and selected products are certified by Eco Choice Aotearoa. The present document pertains to ECA certified products only. For a list of products that are ECA certified, please refer to Premier Insulation website and documentation, ECA's website <https://ecochoiceaotearoa.org.nz/our-partners/2517147-premier-insulation/>



Green Star Buildings	Credit 07	Up to 4 points
Green Star Design & As Built NZ (V1)	Credit 21	Sustainability Factor (SF) = 1



Homestar V5	HC 1 EN 3	Contribution potential Up to 1.5 points
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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 installed (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 The nominated product(s) 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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Rating Tool	Credit / category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Green Star Buildings NZ	Credit 07	4	<p>The building's envelope is comprised of responsibly manufactured products.</p> <p><u>Credit achievement:</u></p> <ul style="list-style-type: none"> • 1 point is available if >15% of all structural components (by cost) meet a Responsible Products Value (RPV) ≥ 10. • 2 points can be claimed if compliant structural components are >30% by cost, and <p><u>Exceptional Performance:</u></p> <p>In conjunction with the above credit achievement, additional points are available as follows:</p> <ul style="list-style-type: none"> • 1 point is available if either >45% of all structural components (by cost) achieve > RPV10, or 5% of these components achieve > RPV15. • 2 points are available if either >60% of all structural components (by cost) achieve > RPV10, or 10% of these components achieve > RPV15. <p><i>The envelope is defined as the elements that surround a building such as the façade, and all façade components such as external shading and insulation, suspended slabs, as well as roofing systems.</i></p>	✓	Up to 4 points	<p>The nominated products are ECA certified and hold a "Red-List Free" DECLARE label, which equates to RPV 18 in accordance with the GBCA Score-checker.</p> <p><i>Note: achieving the targeted points outcome is dependent on the remaining products in the category also being compliant in order to achieve necessary % by cost benchmarks.</i></p>



Green Star Design & As Built NZ (V1)	Credit 21	3	<p>This credit rewards the selection of products that meet transparency and sustainability requirements. Points are awarded based on the Project Sustainability Value (PSV*) and comparing it with the Project Contract Value (PCV).</p> <p><u>Benchmarks are:</u></p> <ul style="list-style-type: none"> - 1 point is awarded if PSV > 3% of PCV - 1 point is awarded if PSV > 6% of PCV - 1 point is awarded if PSV > 9% of PCV <p><i>The Project Sustainability Value is the sum of all the compliant product's "Product Sustainability Value" (PSV).</i></p> <p><i>The PSV = Sustainability Factor x cost of product</i></p>	✓	Sustainability Factor (SF) = 1	<p>This product category falls under the category of "All other products or materials used in a project which could potentially have a 'Transparency or Sustainability Initiative'.</p> <p>The nominated products hold a level A approved eco-label, therefore the Product Sustainability Value (PSV) can be calculated as :</p> <p>"Product Cost x 1".</p>
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Rating Tool	Credit / category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Homestar V5	HC 1	22	This credit rewards the good thermal performance of the overall building design, encompassing insulation, glazing, orientation, ventilation and massing.	○	Contribution potential	Thermal insulation products are strongly encouraged in the walls, ceilings (and under floor) to levels that are higher than required by Building Code to help achieve a better thermal performance of the building. The nominated product(s) can help achieve this outcome.
	EN 3	10	This credit rewards the use of eco-preferred and responsibly sourced materials. Insulation products are one of twelve possible material categories eligible for 1.5 points each.	✓	1.5 points (out of 1.5 points available for insulation)	<p>The nominated product has Level A approved eco label certification, contributing to 2 points (unweighted in the calculator), thus satisfying the requirement of this credit. This product has low VOC emissions, contributing 1 point.</p> <p><i>Note: Homestar further states: " Products that are identical in manufacture and recipe to Eco-Choice Aotearoa licensed products except for their R-value (and thickness and weight related to R-value), may be recognized and awarded points."</i></p> <p><i>All Premier Insulation Polyester products are manufactured in the same manner as a Level A approved eco label certification, while simply having a different R value, and therefore all can claim compliance with this credit in Homestar.</i></p>

Product Name	Tempertherm Insulation Polyester Thermal & Acoustic (ECA certified range only)
Document Type	Green Building Rating Compatibility Analysis
Document Code	ES-GSNZ-26-109b2
Client	Tempertherm Insulation

Tempertherm 100% Polyester Insulation is a thermally bonded insulation product manufactured in New Zealand using polyester fibres, including a minimum of 45% recycled PET. It is designed for thermal insulation in walls, ceilings, suspended floors, and mid-floor applications, and is available in multiple formats such as blanket, segment, and skillion systems. All Polyester products have a DECLARE red-list free label, and selected products are certified by Eco Choice Aotearoa. The present document pertains to ECA certified products only. For a list of products that are ECA certified, please refer to Tempertherm Insulation website and documentation, ECA's website <https://ecochoiceaotearoa.org.nz/our-partners/2517147-tempertherm/>



	Green Star Buildings	Credit 07	Up to 4 points
	Green Star Design & As Built NZ (V1)	Credit 21	Sustainability Factor (SF) = 1
	Homestar V5	HC 1	Contribution potential
		EN 3	Up to 1.5 points

Manner in which the product may contribute towards points	Legend of Symbols in EnviroSpec
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Green Star Design & As Built NZ (V1)	Credit 21	3	<p>This credit rewards the selection of products that meet transparency and sustainability requirements. Points are awarded based on the Project Sustainability Value (PSV*) and comparing it with the Project Contract Value (PCV).</p> <p><u>Benchmarks are:</u></p> <ul style="list-style-type: none"> - 1 point is awarded if PSV > 3% of PCV - 1 point is awarded if PSV > 6% of PCV - 1 point is awarded if PSV > 9% of PCV <p><i>The Project Sustainability Value is the sum of all the compliant product's "Product Sustainability Value" (PSV).</i></p> <p><i>The PSV = Sustainability Factor x cost of product</i></p>	✔	Sustainability Factor (SF) = 1	<p>This product category falls under the category of "All other products or materials used in a project which could potentially have a 'Transparency or Sustainability Initiative'.</p> <p>The nominated products hold a level A approved eco-label, therefore the Product Sustainability Value (PSV) can be calculated as :</p> <p>"Product Cost x 1".</p>
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