

Responsible Products

Leadership Challenge

Points: 4

Outcome

The building's products are comprised of responsibly manufactured products.

Rating Tool Applicability

- Green Star Buildings

Criteria

Credit Achievement	1 point per credit	<ul style="list-style-type: none">• The building has both Best Practice Products and a high amount of Good Practice Products for structure, envelope, systems and/or finishes
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Additional information

Stage implementation

Strategy Brief Concept **Design** Tender Construction Handover Use

Synergies with other credits

- Responsible Structure
- Responsible Envelope
- Responsible Systems
- Responsible Finishes
- Upfront Carbon Emissions
- Life Cycle Impacts

Sustainable Development Goals

- Goal 9 (Industry, Innovation and Infrastructure)
- Goal 12 (Sustainable Consumption and Production)

Relevant reporting initiatives

- None

Why is this Leadership Challenge important?

The building materials sector is the next step in decarbonising our economy. The built environment needs responsible, healthy and positive products that are part of a circular economy, and we need the entire supply chain to help us do it. Green Star Buildings aims to create market demand for innovative, responsible, and low carbon products.

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This Leadership Challenge aims to:

- Reward products that have lower environmental impact, are transparent, respect human rights, and are taking action to reduce carbon content.

Requirements

Projects teams may target this Leadership Challenge for each of the four Responsible Products credits (Structure, Envelope, Systems, Finishes). One point is available per credit.

Credit Achievement

The projects must comply with **both** of the following criteria:

- Prerequisites
- Responsible Product Leadership

Prerequisites

It is a prerequisite of this Leadership Challenge that projects target and achieve all available points in *Exceptional Performance* of the selected Responsible Products credit(s) of Structure, Envelope, Systems and/or Finishes.

Responsible Product Leadership

The project meets both the 'Best practice products' AND the 'Good practice products' requirement in *Exceptional Performance* in the selected Responsible Products credit(s) of Structure, Envelope, Systems and/or Finishes.

See *Exceptional Performance* requirements in the relevant Responsible Products credits for further information.

Submission content

Submissions for this credit must contain:

- **Submission form**
- **Evidence** to show targeting of at least one of the four Responsible Products credits
- **Evidence** to support claims made in the submission

Recommended evidence:

- Receipts confirming purchase of stated products
- Evidence that claimed products with required RPV constitute the required cost of all components

Alternate documentation can also be used by project teams to demonstrate compliance.

The recommended evidence listed above applies to the As Built submission. See the *Design Assessment documentation* section in the Introduction of the Submission Guidelines for more information on submitting evidence for the Design Assessment.

The key requirement is that evidence is provided to support each claim made within the Submission form.

Guidance

Responsible Products credits

The following table summarises the credit requirements.

Credit	Credit Achievement	Exceptional Performance	
	Good Practice Products	Best Practice Products	Good Practice Products
Structure	50% of products Min RPV 10	10% of products Min RPV 15	80% of products Min RPV 10
Envelope	30% of products Min RPV 10	10% of products Min RPV 15	60% of products Min RPV 10
Systems	20% of products Min RPV 6	5% of products Min RPV 11	35% of products Min RPV 6
Finishes	40% of products Min RPV 7	10% of products RPV 12	60% of products Min RPV 7

Refer credit for further information and guidance on Responsible Products and the Responsible Products Value.

Definitions

Responsible Structure

The structure is defined as load bearing and stability components of a building, including steel, timber, and concrete load bearing elements. Temporary formwork is excluded from meeting compliance with the Responsible Products Value part of the credit, however, it is included in the cost of the structure where projects choose to use the 'total cost' approach.

Responsible Envelope

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.

Responsible Systems

Active building systems are characterised by energy and movement, and include all mechanical, hydraulic, transportation and electrical systems present in the building. Lighting, security, and fire systems are also included. Products that make up active systems, such as pipes, cables, ducts, etc., are included. Passive systems, such as a fixed façade shading device, are not included.

Responsible Finishes

Internal finishes include flooring, plasterboard, paints, ceilings, partitions, doors, internal glazing partitions or similar. Joinery used as part of a wall finish is included, e.g., wall panelling or fixed shelving/cupboards that make up a partition. Sealants and adhesives used for finishes are also included. Loose furniture or joinery is not included.

Supporting information

The following resources support this credit:

- Responsible Products Framework: <https://new.gbca.org.au/rate/rating-system/responsible-products-framework/>
- NZGBC RPF Page: https://nzgbc.org.nz/responsible_products_programme
- GBCA's *Driving responsible products in the built environment - Changes to Green Star Buildings and our strategy for the future*