

BlueScope Steel



helps achieve Green Star™ credit points

When designing for Green Star™ certification, BlueScope Steel products can help accrue points and create a more sustainable building





**Select Australian –
made BlueScope
Steel for your next
Green Star™ project**

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Changes to the Green Star™ Rating Tool from the Green Building Council of Australia

An improved steel credit is now available that encompasses the steel supply chain and how it can play its part from steelmaking, manufacturing and fabrication through to design.

Steel products from BlueScope Steel can form an important part of a Green Star™ accredited building. These credits apply to all Green Star™ tools with the exception of Interiors V1.1.

Who is the Green Building Council of Australia and what is Green Star™?

The Green Building Council of Australia is a national, not-for-profit organisation, launched in 2002. The organisation is committed to developing a sustainable property industry by encouraging the adoption of green building practices. As a part of this goal it has developed the Green Star™ rating system.

How does the Green Star™ rating system work?

- The rating system is a checklist of items for which points are awarded if you meet or exceed the benchmarks in eight environmental impact categories (management, indoor environment quality, energy, transport, water, building materials, land use and ecology and emissions) plus a special category for innovation
- Different rating tools have been developed for office, retail centres, industrial, education, healthcare, multi-unit residential, convention centres, mixed-use, public and existing buildings, so it is important to select the right tool for your requirements
- Formal submissions require significant evidential proof and are assessed by the Green Building Council before being weighted and an overall score calculated
- The final score is then expressed as one of three classifications: 4 Star – Best Practice (45-59 points), 5 Star – Australian Excellence (60-74 points) or 6 Star – World Leader (75+ points)



A range of steel products can help you achieve a Green Star™ rating



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Summary of Changes to the Steel Credit

Previous credit

No prerequisites

MANDATORY CRITERIA

One point for 30% recycled content
1 additional point for 60% recycled content

STRUCTURAL STEEL CREDIT POINTS

One point for 30% recycled content
1 additional point for 60% recycled content

REINFORCING STEEL CREDIT POINTS

Maximum 2 points in total

New Credit

The steel manufacturer must:

- Be a current member of the World Steel Climate Action Program
- Have a valid ISO 14001 Environmental Management System (EMS) in place

- 1 point awarded for greater than 95% category A product and greater than 25% category B product
- 1 point awarded if 60% or greater of the fabricated steelwork is supplied by a steel fabricator accredited to the Australian Steel Institute Environmental Sustainability Charter (ESC)

- 1 point for using >60% steel made from Polymer injection Technology (PIT)
- 1 point if 15% steel is produced using off-site optimal fabrication techniques

Maximum 2 points in total

Product details by category

Category A Products	Minimum Strength Grades (MPa)
Roof Sheeting	550
Wall Sheeting	550
Profiled-steel Decking	550
Purlins	450
Girts	450
Light-steel Framing	450

Category B Products	Standard Grade (MPa)	Minimum Strength Grades (MPa)
Hot Rolled Sections	300	350
Cold Formed Hollow Sections	350	450
Welded Sections	300	400
Plate	250	350

Steel Solutions

The following examples are only some of the solutions that could be of benefit to your project:



Cold-formed sections made from BlueScope Steel's hot-rolled coil can help gain 1 point



350 grade XLERPLATE® steel fabricated beams and columns can help gain 1 point



COLORBOND® steel, ZINCALUME® steel and GALVABOND® steel meet the minimum strength requirements, helping gain 1 point



Decking, purlins and girts meet the minimum strength requirements, helping gain 1 point

**CLIMATE
ACTION
Member**

worldsteel
ASSOCIATION

BlueScope Steel meets the mandatory criteria for both World Steel Climate Action Program membership and ISO 14001 accreditation



TRUECORE® steel framing meets the minimum strength requirements, helping gain 1 point

Where can I get further information?

Contact your local BlueScope Steel representative or Steel Direct on 1800 800 789



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