



GREEN STAR CREDITS

DESIGN AND AS BUILT NZ V1.1



NZGBC GREEN STAR CREDITS

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STELTECH® products are able to contribute to a number of credits under the Green Star Design and As Built NZ v1.1 rating tool, prepared by the New Zealand Green Building Council [NZGBC]. A full version of the rating tool is available to NZGBC Members and GSAPs through the NZGBC website.

This document is intended as a guide only. The final awarding of points in a Green Star Design & As Built assessment is at the discretion of the Green Star Assessors.

CREDIT 20.1:

Responsible Building Materials – Structural & Reinforcing Steel

20.1 CREDIT CRITERIA

1 POINT IS AVAILABLE WHERE:

- 95% of the building's steel [by mass] is sourced from a Responsible Steel Maker.

AND – FOR STEEL FRAMED BUILDINGS:

- At least 60% [by cost] of all fabricated steel components must achieve a Responsible Products Value [RPV] of 10 or more.

What is a Responsible Steel Maker?

Responsible Steel Makers must show that they comply with the following:

1. The steel making facilities where the structural steel for the project is sourced have a currently valid and certified ISO 14001 Environmental Management System [EMS] in place. Valid ISO 14001 Environmental Management System [EMS] certificates must be provided from the steel making facilities where the structural steels in the project were produced.

How does STELTECH® comply with Credit 20.1?

- ✓ STELTECH® uses plate from New Zealand Steel, who qualifies as a Responsible Steel Maker by:
 - Holding a valid ISO 14001 Environmental Management System [EMS] certification.
- ✓ STELTECH® achieves Responsible Product Value [RPV] requirements by:
 - Having our structural steel products third party certified to the Environmental Choice EC-41-25 specification, achieving an RPV of 16.

NOTE: Where the cost of structural and reinforcing steels is less than 1% of the Project Contract Value, or there are no new structural or reinforcing steels used in the project, this criterion is made 'Not Applicable'.

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CREDIT 21:

Responsible Building Materials – Structural & Reinforcing Steel

21 CREDIT CRITERIA

UP TO 3 POINTS ARE AVAILABLE FOR:

- the use of materials that meet transparency and sustainability requirements through: reused products, recycled content, environmental product declarations, third-party certification [eco-labels], or stewardship programs.
- points are awarded based on the percentage value of the products that meet one of the transparency and sustainability initiatives. This is demonstrated by calculating the Project Sustainability Value [PSV] and comparing it with the Project Contract Value [PCV].

How do you calculate the project sustainability value [PSV]?

To calculate the sustainability value that an individual product can contribute towards points in this credit, the dollar cost of the product must be multiplied by a Sustainability Factor [SF] that reflects the weighted benefit of the initiative. The projects' overall Project Sustainability Value is then calculated as the combined sustainability value for all compliant products on the project.

$$\begin{aligned}\text{Individual Product Sustainability Value} &= \text{Product Cost } (\$) \times \text{Sustainability Factor [SF]} \\ \text{Project Sustainability Value [PSV]} &= \text{Sum of all Product Sustainability Values}\end{aligned}$$



STELTECH® products are eligible for the below Sustainability Factors:

- Level A Third party certified to the Environmental Choice EC-41-25 specification – 1.0

NOTE: Sustainability Factors [SF] are not cumulative; if a product has two or more applicable sustainability credentials, only the highest SF is applied. Individual SFs cannot be added together. Projects using STELTECH® products would therefore apply the SF relating to the ECNZ certification.



The New Zealand Green Building Council have a Sustainability Products Calculator on their website which can help you quickly determine your overall Project Sustainability Value [PSV] as well as what points can be awarded to your project.

Visit www.nzgbc.org.nz for more information.

NOTE: Buyers and users of Steltech® Structural Ltd products and services must make their own assessment of the products for their own conditions. All queries regarding product specification, purpose or application should be directed to Steltech® Structural Ltd, phone 0508 783 335. Steltech® Structural Ltd reserves the right to modify products, techniques, equipment and statements to reflect improvements in the manufacture and application of its products. The information contained in this brochure is supplied without prejudice to Steltech® Structural Ltd's standard terms and conditions of sale. In the event of conflict between this information and the standard terms and conditions, the standard terms and conditions prevail. STELTECH® and DCRB® are trademarks of New Zealand Steel Ltd.



sales@steltech.co.nz | 0508 783 335 | steltech.co.nz