

Low Carbon

by Joris Ide

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by **JORISIDE**

Helping you lower your building's carbon footprint - without compromise

At Joris Ide, **decarbonisation is an integral part of our DNA**. Through our **Planet Passionate program**, we are continuously innovating to reduce environmental impact while maintaining the highest standards of performance and quality in our building solutions.

With the **launch of the Low Carbon by Joris Ide panel range**, we are taking a significant step forward in sustainable construction. This new generation of sandwich panels delivers a **substantially lower carbon footprint combined with a significantly higher recycled content**, enabling architects, contractors, and building owners to build more sustainably without compromising on durability, aesthetics, or technical performance.

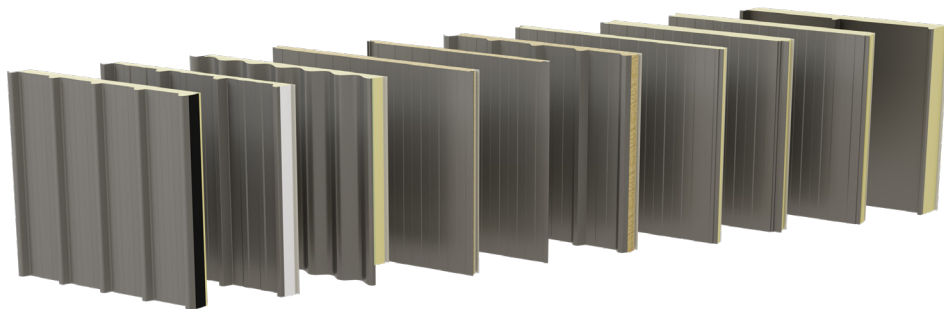
Our Low Carbon range builds on our proven panel technology while integrating low-carbon steel and higher levels of recycled materials - contributing directly to lower embodied carbon at building level and supporting our customers in achieving their sustainability ambitions.

Introducing the Low Carbon by Joris Ide panel range

We are proud to introduce a **comprehensive portfolio of Low Carbon by Joris Ide panels**, designed to minimize environmental impact while preserving the trusted performance of our standard panels.

The range includes:

- JI Vulcasteel Roof Low Carbon
- JI Vulcasteel Wall Low Carbon
- JI Vulcasteel Wall 1000SF Low Carbon
- JI Roof 1000 Low Carbon
- JI TF Wall 1150 Low Carbon
- JI TF Wall 1100 Low Carbon
- JI SF Wall 1000 Low Carbon
- JI Eco 1000 Low Carbon
- JI Onduroof 1000 Low Carbon
- JI Vieo Roof 1050 Low Carbon



Each product combines reduced embodied carbon with a higher share of recycled materials, helping the construction sector transition toward more circular and climate-responsible building practices.

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At Joris Ide, we are committed to creating a more sustainable world for future generations. With the launch of the Low Carbon by Joris Ide panel range, we are actively advancing sustainable practices in the building sector.

Laurence Stalmans Divisional Sustainability Manager



Measurable impact

1. Embodied carbon reduction

By integrating low-carbon steel into our panel systems, Joris Ide achieves a substantial reduction in embodied carbon across the product range. **These improvements are verified through our Environmental Product Declarations (EPDs), which provide transparent and independently validated data.**

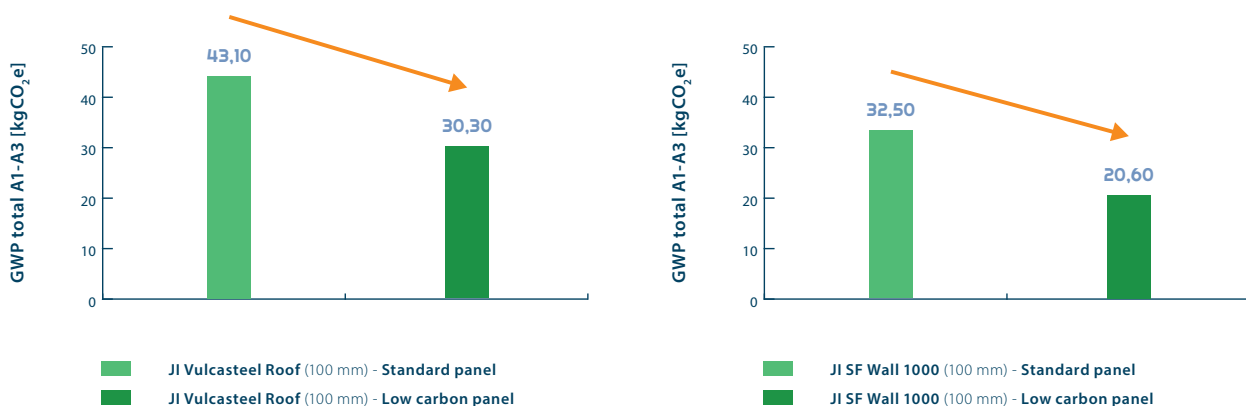
On a cradle-to-gate basis (A1–A3):

- The JI Vulcasteel Low Carbon range achieves at least 30% reduction in embodied carbon compared to standard panels (based on verified EPD's for 100 mm thickness).
- The JI PIR Low Carbon range achieves at least 35%* reduction in embodied carbon compared to standard panels (based on verified EPD's for 100 mm thickness).

This makes the Low Carbon by Joris Ide panels a powerful tool for lowering the overall carbon footprint of your building.

** with the exception of JI Onduroof 1000 (80 mm) achieving 37% reduction and JI Eco 1000 (100 mm) achieving 25% reduction.*

Standard panels vs Low carbon panels



2. Higher recycled content

Our Low Carbon panels contain **a significantly higher proportion of recycled materials** compared to our standard panels, reinforcing circular economy principles in construction.

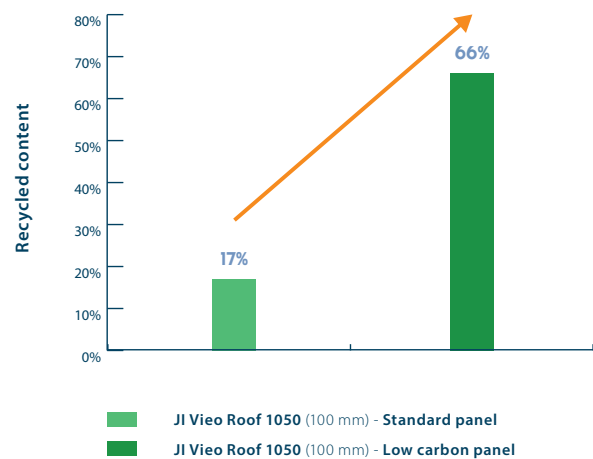
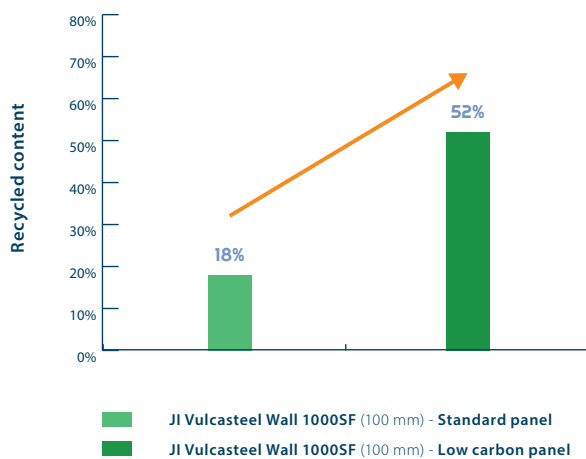
On a 100 mm reference thickness:

- JI Mineral Fibre Low Carbon panels contain a minimum of 49% recycled content (pre- and post-consumer).
- JI PIR Low Carbon panels contain a minimum of 66%* recycled content (pre- and post-consumer).

This increased recycled content contributes to resource efficiency, reduced material extraction, and lower environmental impact.

** with the exception of JI Onduroof 1000 (80 mm) containing 66% recycled content and JI Eco 1000 (100 mm) containing 52% recycled content*

Standard panels vs Low carbon panels



With the JI Low Carbon panels, Joris Ide is launching a more sustainable product range of our sandwich panels without compromising on quality, which is fully aligned with the sustainable image we want to exude as a company.

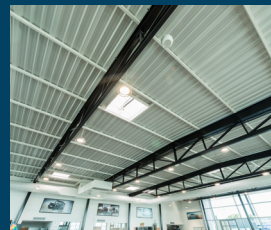
Hanne Vandenbroucke Divisional Sustainability Graduate



Customer benefits

The introduction of our Low Carbon panels supports our customers in multiple ways:

- Lower carbon impact at building level
- Reduction of Scope 3 emissions for our clients
- Contribution to corporate sustainability and net-zero targets
- Easier compliance with green building certifications (BREEAM, LEED, DGNB, etc.)
- Promotion of circular construction practices
- Same high performance delivery as standard panels, including:
 - › Wide range of colors and finishes
 - › Excellent technical performance
 - › Reliable quality
 - › Strong customer support and proximity to clients



With more 40 years of experience, Joris Ide represents a guarantee of quality in the construction market. We bring solutions to all your problems: acoustic, aesthetic, fire, thermal. Joris Ide, the essential partner for all your projects.

www.jorisode.com