

To progress or not to progress.



Is that really a question?

#betheprogress

Recticel Impact

25% bio-content

43% CO₂-reduction*

100% performance

FEEL
GOOD
INSIDE

RECTICEL
insulation

► Making an impact

The goals of Europe and the Paris Climate Agreement are clear: to counter global warming, global CO₂ emissions must be halved by 2030. To achieve total neutrality by 2050. For us as a construction sector, that means a reduction of direct CO₂ emissions from buildings by 50% by 2030 and a reduction of our indirect emissions by 60%. Because according to the UN Environment Programme, in 2021 the construction sector was responsible for **40% of global emissions of greenhouse gases such as CO₂**.

Our mandate from Europe is clear: **the way forward is sustainable**. Insulation already plays a crucial role in the path to climate neutrality of our buildings: a Recticel insulation board saves an average of 20 times more CO₂ over its total lifetime than was emitted to produce it. Resulting in a significant environmental impact.

Recticel is now going one step further by also reducing the CO₂ emissions that go with the production of its two most popular products: Eurowall and Eurothane Silver. After all, don't we all want to move forward?



► 25% biocircular raw materials

To make the building industry completely climate-neutral, we must also improve the **CO₂ emissions of our material**. In short, a PIR board consists of 4 raw materials: polyol, polyisocyanurate (MDI), blowing gas and a facing. We achieve the biggest gain on CO₂ emissions from our PIR boards by tackling the emissions linked to MDI.

Within the Recticel Impact product line, we replace a part of that MDI with biocircular raw materials from residual streams (e.g. plant-based frying oil). The result: **25% of the total share of fossil materials is replaced by biocircular material**. With a reduction of the carbon footprint of these products as a result: on average 43%*less CO₂ compared to the standard board.

* Internal LCA calculation according to EN15804 +A2 standard, for modules A1 - A3 (cradle to gate) based on the mass balance method.

“With our Impact insulation solutions, we have managed to achieve significant CO₂ savings. A real impact! A choice for Recticel Impact thus becomes a step towards a carbon-neutral construction industry. Whereby together - literally - we are building a sustainable future.”

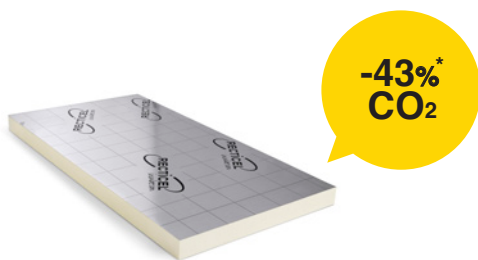


Dirk Vermeulen
Head of Technical Management,
Recticel Insulation



► Impact products

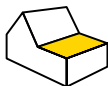
From now on, you find our two best-selling products – Eurothane Silver and Eurowall – in a new version: **25% biocircular raw materials with 43%* CO₂ reduction**, PEFC certified and still **100% performant**. For the greatest short- and long-term impact.



Eurothane® Silver Impact

Universal thermal insulation board for flat roofs.
New construction and renovation.

Flat roof



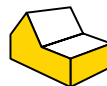
Characteristics

Lambda λ_D :	0,022 W/mK
Board dimensions:	600 mm x 1200 mm or 1200 mm x 2400 mm
Thicknesses:	from 30 mm to 200 mm
Edging:	straight edges; rebate all round possible for a surcharge
Facing:	gastight multilayer complex with grids on both sides
Fire rating:	Euroclass B-s2, d0 (end use steeldeck); standard FM approved Euroclass F (product)

Eurowall® Impact

Thermal insulation board for cavity walls.
New construction and renovation.

Facade



Characteristics

Lambda λ_D :	0,022 W/mK
Board dimensions:	600 mm x 1200 mm
Thicknesses:	from 30 mm to 180 mm
Edging:	Tongue-and-groove click system all-round
Facing:	gastight multilayer complex with grids on both sides
Fire rating:	Euroclass F (product)

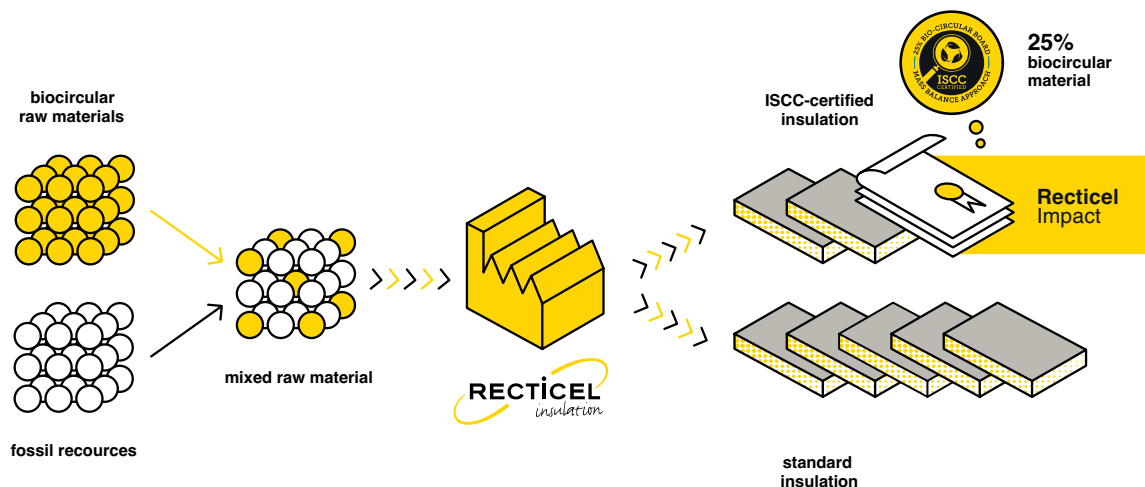


► Mass Balance & ISCC PLUS certification

The transition to recycled and biocircular raw materials in the construction industry is highly necessary. But you don't make that switch overnight tomorrow. Separate production lines are practically unfeasible and also less sustainable. A transition according to the Mass Balance method is, however, an approach for making our products more sustainable.

According to the Mass Balance principle, **alternative (biocircular) raw materials are mixed with the standard (fossil) raw materials**. Comparing it to green electricity: the raw material itself remains the same, only the origin differs. And no complete new electricity grid was built to supply green electricity either. By not strictly separating the flows, we avoid duplicating the entire process for the production of Impact products. However - just as with energy suppliers - strict attention is paid to ensuring that the purchased volume of biocircular raw materials corresponds to the quantity of Impact products sold (raw material in versus insulation board out). In other words, the 'mass balance' must be respected.

And for that, we undergo an annual **audit by ISCC** (International Sustainability & Carbon Certification), which monitors traceability and mass balance of the supply chain. Our entire Impact range satisfies the conditions for ISCC PLUS certification, through which you, as a manufacturer, encourage us with your purchase to buy less carbon-intensive and more biocircular raw materials. Together we take steps in the transition to a more sustainable world. Thanks!





Making an impact too?

Choose change,
insulate with Recticel Impact.
#betheprogress

More information and technical documentation at
recticelinsulation.be/impact

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