

Sisu® Luxury Vinyl Tiles Now Recycled and Produced with Wind Energy

We have conducted an extensive Life Cycle Assessment (LCA) of all of our products. Through analysing these results we were able to identify where the most significant environmental impact of our products lay, and therefore identify where we could make the most significant improvement to our products.

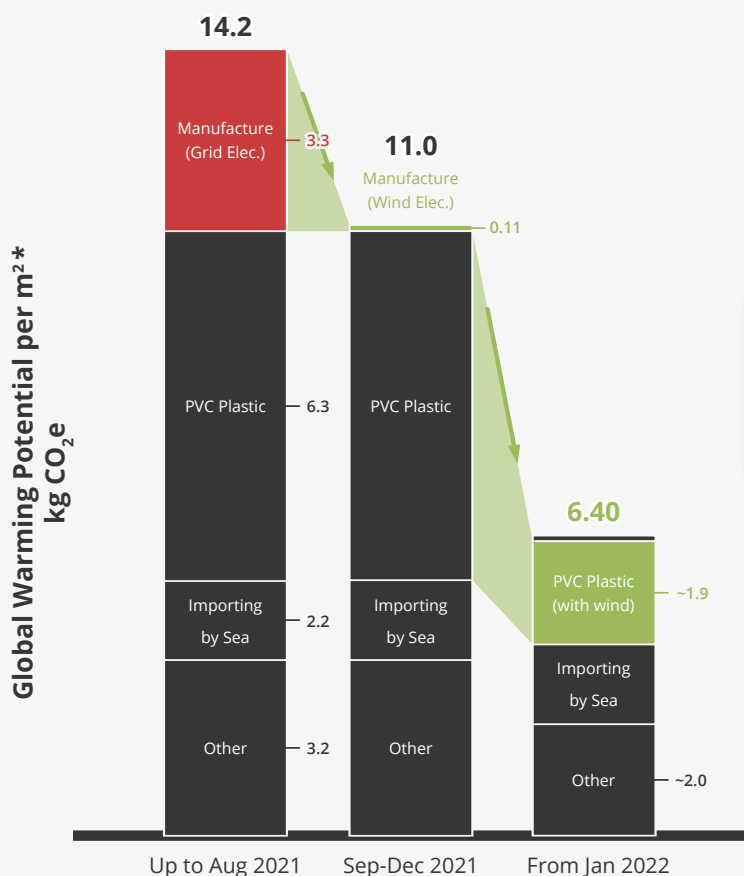
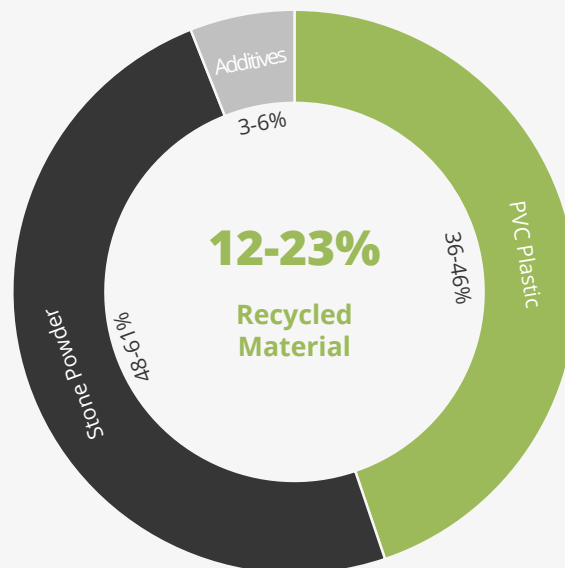
Composition

Sisu® LVT Dryback 2.5 mm is made from 46% PVC plastic, 48% stone powder, and 6% additives such as stabilisers and colourants. 45% of the PVC content in the backing is recycled, or 11.5% overall.

Sisu® LVT Dryback 4.0 mm is made from 36% PVC plastic, 57% stone powder, and 3% additives such as stabilisers and colourants. 100% of the PVC content in the backing is recycled, or 21.9% overall

Wind Energy

As of 2022, all Sisu® LVT is produced using wind energy, from raw material extraction to manufacturing in the factory.



Environmental Impact

Through analysing the environmental impact of Sisu® LVT in 2021, we were able to identify that 23.1% of the carbon footprint (as measured by Global Warming Potential) was caused by the electricity in the manufacturing of the product, so we reduced the carbon footprint by 22.3% by moving the manufacturing to wind energy.

We were unsatisfied that this change was enough, so from January 2022, all our LVT flooring also contains recycled

54.9%
Reduction in
Carbon Footprint

material and all electricity used in the production process is now sourced from wind energy. This reduced the environmental impact by a further 41.9%.

What is Global Warming Potential?

Global Warming Potential (GWP) can be thought of as the technical term for **carbon footprint** over the entire lifecycle of a product.

It is the amount of carbon dioxide released into the atmosphere, plus other greenhouse gases weighted according to their relative contribution to heating the atmosphere compared to CO₂. It is measured in kg CO₂e.

*Analysis of Sisu® LVT Dryback 2.5 mm