

CO₂ balance Platowood

Wood has the lowest CO₂ footprint of all traditional (building) materials. Through photosynthesis, trees capture CO₂ from the air and store it in the form of wood. This CO₂ remains stored throughout the lifetime of the tree, the lifespan of the wood product, and afterwards through reuse and recycling. The extraction and production of wood require very little energy, resulting in minimal CO₂ emissions. This makes wood a CO₂-neutral material, and within the lifetime of a building it can even show a negative balance. In addition to storing CO₂, wood can replace other materials whose production is CO₂-intensive, such as concrete, metal, and plastics.

More CO₂ storage than emissions

In everything we do at Platowood, we strive for the lowest possible environmental impact and permanent CO₂ storage. This starts with the choice for wood from sustainably managed forests—the only renewable raw material—but is also reflected in how the production and hydro-thermal modification process is organized, as well as how residual waste and recycling are handled. Platowood has a positive CO₂ balance. Approximately 60% more CO₂ is stored in Platowood wood than is emitted (including during the process, purchased energy, and transport).

If you have any questions regarding this, please contact us at +31 (0)88 60 500 60 or send an email to info@platowood.nl.