



Carbon Footprint Declaration

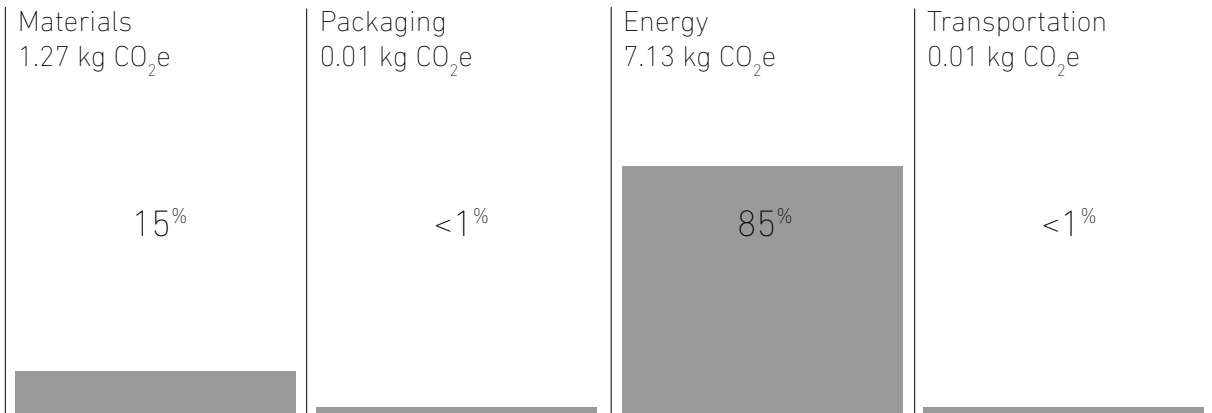
Za Small Stool

has a verified carbon footprint of

8.42 kg CO₂e* (hand brushed aluminum)

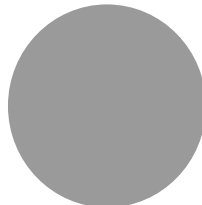


We measure our impact starting from the creation of the product to the moment it leaves our factory, also called "cradle-to-gate". Although many chairs do not yet declare a carbon footprint measurement, a typical carbon footprint ranges from 30-60 kg CO₂e.



Using scrap materials reduces the carbon footprint and diverts waste from landfills and oceans.

Za Small Stool
made from recycled
aluminum 8.42 kg CO₂e*



Equivalent stool
made from virgin
aluminum 32.37 kg CO₂e*

Jaye Burkhinder, Head of Sustainability, Emeco
Hanover, PA. 2020



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Our cradle-to-gate carbon footprint data takes into account Material, Transportation, Energy and Packaging. We have opted for cradle-to-gate because of the challenges linked to providing accurate data for the myriad destinations and end-uses that occur after the products leave the factory.

MATERIAL calculates the energy needed to produce the material itself. Using scrap material helps us keep our carbon footprint down and diverts waste from landfills.

PACKAGING accounts for the energy needed to produce that weight of cardboard at a typical factory in the United States in our region. We source our cardboard boxes from a local supplier that uses recycled cardboard. In some cases, we use recycled plastic bags, and other packaging pieces to protect our products inside the cardboard box. We are continuously working on finding sustainable solutions for our packaging.

ENERGY accounts for the energy needed to keep our Emeco Factory in Hanover, PA running.

TRANSPORTATION calculates the transport of materials and parts from our suppliers to our factory. The calculation includes the fuel burnt using a medium sized truck. It also takes into account the local shipping from the cardboard box supplier to our factory. We warehouse all chairs on site, so there is no other transportation before shipping.

*We measure carbon footprint using the 2030 Calculator, developed by Doconomy, a freely accessible tool that is an accurate depiction of carbon footprint. The virgin aluminum comparison is an approximation, based on the 2030 Calculator data.

Jaye Ruchbinder, Head of Sustainability, Emeco
Hanover, PA. 2020