



CRYSTAL TOURNIKET.

ENVIRONMENTAL DATA SHEET

Transparency, redefined. Our Crystal Tourniket (TG) brings light, elegance, and balance into every entrance, with an almost invisible design supported by a minimal stainless steel frame for quiet strength. Available in three or four-door wings, and with optional tinted glass for added expression, it adapts seamlessly to its surroundings. And because true design goes beyond what we see, we also share clear insight into its environmental impact, including a summary of its Environmental Product Declaration - so every choice feels as good as it looks.

ENVIRONMENTAL IMPACTS

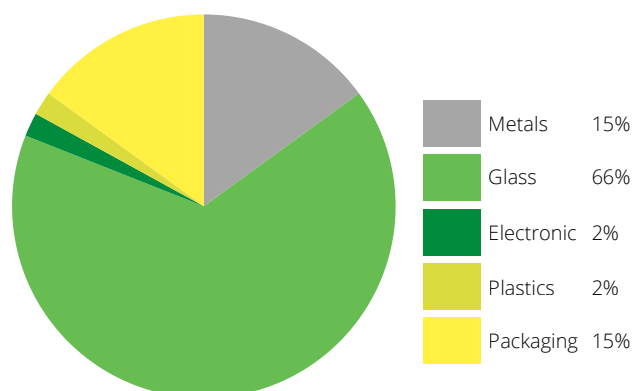
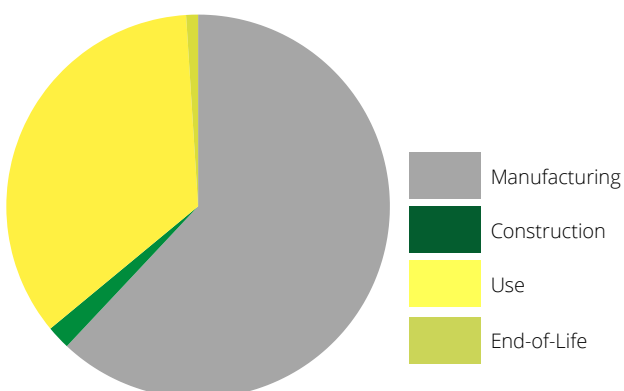
We performed a life cycle assessment (LCA) to fully understand the environmental impact of the TG. This analysis takes into account all the resources and emissions involved in manufacturing, construction, use, and disposal at the end of its life. Manufacturing is the most impactful stage, primarily due to material production like aluminum and glass. The next most significant phase is usage, which mainly affects the overall impact through energy consumption.

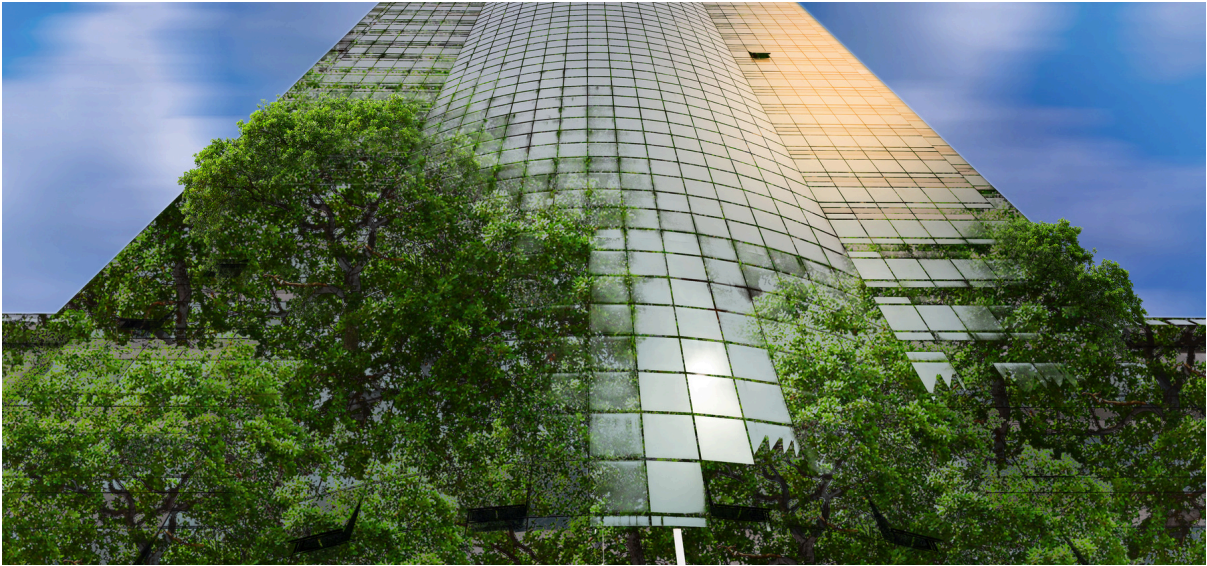
The environmental impacts chart clearly illustrates these findings.

The 2026 EPD provides a much more robust and transparent end-of-life scenario, demonstrating high recyclability of the TG, particularly for glass and metals, and clearly quantifying circular material flows. Compared with all other phases, manufacturing remains prominent. Boon Edam continues to improve in both of these aspects.

MATERIAL COMPOSITION

Glass (66%) and metals, mainly aluminium (approximately 15%), are the primary materials used in the TG door. The remaining 19% consists of other materials, including wood (both within the product and in the packaging), plastics, and electrical components.



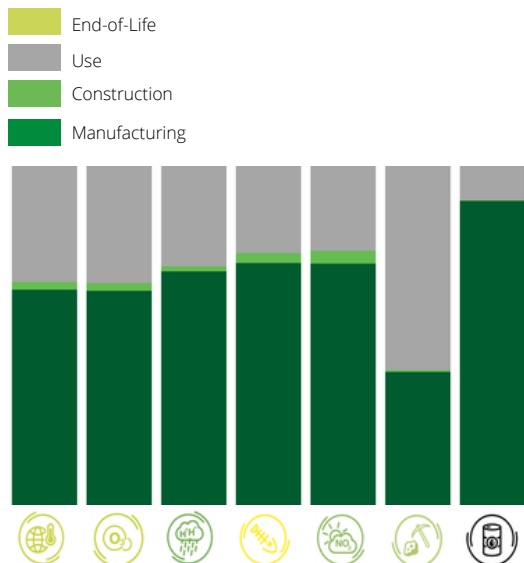


DETAILED ENVIRONMENTAL IMPACTS

The environmental effects of the Crystal Tourniket (TG) mainly arise during manufacturing, particularly from glass and metal production. Significant electricity use during operation also highlights the need for energy-efficient motors, fine-tuning settings, and regular upkeep to optimize the TG.

These results have been obtained with a full life cycle assessment (LCA), and published as Environmental Product Declaration (EPD), following the PCR 'Automatic doors, gates and revolving doors systems' by IBU. Our LCA includes servicing and uptaining the Boon Edam level of Quality throughout it's lifespan.

The full document can be accessed from IBU's repository at [Published EPD TG](#).



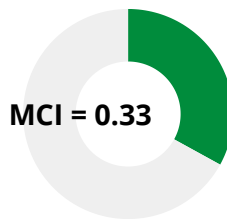
RECOVERY AND RECYCLING.

Overall, the detailed impact results highlight the Crystal Tourniket's high material recyclability, with clearly quantified recovery of glass and metals reinforcing its strong circular material profile.

MATERIAL CIRCULARITY INDEX

MCI is an approach to measuring the circularity of materials, here expanded to the whole product. It accounts for reused and recycled materials in the product and is recovered at the end of the product's life, according to the recommendations from the Ellen MacArthur Foundation.

www.ellenmacarthurfoundation.org



Boon Edam takes steps towards being consistently more circular and sustainable. Read about them on our website.

- Global Warming
- Ozone Depletion
- Acidification
- Eutrophication
- Ozone Formation
- Non-fossil Resources Use
- Fossil Resources Use