

LORO-X Recovery Cycle

0% Steel Consumption - 100% Circulation

Buildings should be constructed or renovated to be „recyclable“ so that the products used can experience several life cycles. The so-called „Design for Disassembly“ means that all system components are planned bearing in mind the dismantling of the product. Hence, there is no waste at the end of the product’s life cycle. Instead, all system components can be reused in a new roof drainage system after being qualitatively refurbished by LORO.

0% Steel Consumption

LORO-X steel discharge pipes and fittings made of galvanised steel are optimally recyclable thanks to the protective zinc coating, as the protected steel is not subject to corrosion. Fossil raw materials, such as iron ore and energy, are theoretically preserved for an infinite number of life cycles in the LORO-X steel drainage pipe once it has been produced.

Renewable Steel-Zinc Connection

This is possible with LORO-X steel discharge pipes thanks to the two-layer structure of steel and zinc coating: In the decades of the respective life cycle, usually only the protective hot-dip galvanising is exposed to environmental influences without the underlying steel being affected!

100% Circulation

During the professional LORO-X restoration, the product returned to LORO is checked for all dimensions and tolerances and restored with millimetre precision. With the subsequent renewal of the zinc coating, the underlying steel is reused 100% in the new product without melting.

Regional Production

In contrast to the largely automated new production of large quantities, the professional restoration of individual returned products is real „manual labour“. The preparation, calibration and re-galvanising of the object-related product mix is carried out by our specialists regionally with minimal transport distances.

Minimised Ecological Footprint

With LORO-X products a sustainable cycle of restoration can be created over generations

- Sustainable use of a LORO product over many generations
- No energy-intensive melting down of the existing steel
- No admixture of new steel
- No mining of new iron ore
- Minimised transport routes to and from Bad Gandersheim, in the green heart of Germany

