

The cradle-to-cradle-principle: thinking in cycles / LEED certification

If the focus is not only on the initial use of raw materials, but also on the use of the raw materials after the originally planned utilisation, then "cradle to cradle" is being considered: precious resources are reused instead of wasted. Environmentally friendly production and the use of renewable energies are important aspects of the production process.

At GfA, we have already invested extensively in photovoltaics and water treatment. Self-contained processes are our goal. Organic components of a product end up in compost and thus in the cycle of nature. Consumer goods are designed in such a way that they can be sensibly recycled through chemical or mechanical processes, for example. **With the material TPE (thermoplastic elastomer), we offer the ideal solution for recycling in the raw material variant used by GfA.**

LEED-certified buildings - what does that mean?

LEED (Leadership in Energy and Environmental Design) is an internationally recognised certification system for green building. The LEED assessment is primarily concerned with the environmental impact of buildings and also considers their social impact in terms of sustainability. **With products from the TPE material group, GfA offers all the necessary qualifications for LEED certification.**

The LEED system rates in different categories:

- ▲ Building Design and Construction: BD+C
- ▲ Interior Design and Construction: ID+C
- ▲ Operations and Maintenance: O+M
- ▲ Neighbourhood Development: ND
- ▲ Homes: H



LEED is applied to all types of buildings - commercial buildings as well as residential buildings - and to the entire life cycle of a building: from planning and construction to use and maintenance to tenant improvements and major renovations. LEED for Neighbourhood Development goes beyond the building footprint: here, neighbourhoods are considered in terms of their sustainability, e.g. in terms of energy and water efficiency, waste management systems, choice of materials and indoor climate quality.

Still have questions about green building and LEED? The experts at GfA will be happy to advise you!

