

## On Discovery Tour...

Discover the possibilities of circular building with Lindner in our virtual showroom as a planning aid.

The following applies as a basis for circular finishing concepts and deconstructable products:

- modular construction
- uniform dimensions
- consistent width and height grids
- no (fixed) gluing and surface treatments for glass
- powder-coated surfaces
- detachable inserts, connections, suspensions



Click here for the  
planning guide (DE)



## Building the Future – Building Circular

Circular Construction: still a vision for others, already a reality for us

The Lindner Group is Europe's leading full-service provider for interior fit-outs, building envelopes and insulation. Our high level of vertical integration enables us to develop and execute custom-fittings but still flexible solutions. Furthermore, we act as a strong partner in all project phases.

A responsible mindset is a requirement for all our actions. We are leading the path of "sustainable building": from being a founding member of the DGNB to our first own life cycle assessment in 2011 and steady certifications according to the C2C Certified® product standard for ceiling, floor and wall systems since 2017 to new circular return and rental models, we are constantly evolving.

"Building with new solutions" means for us not only implementing new ideas for building products around the world, but also taking new ways towards a more sustainable, climate-friendly construction industry.

Together, we want to create Add.Vantage, focusing on the environment, people and health. Today and for a world worth living in for the long term.



Would you like to discover more about circular construction with Lindner?  
Please feel free to contact us:

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## Circular Construction with Lindner

Circular system products and fit-out concepts



## Circular system products and fit-out concepts

### Planning, constructing and using in a cycle from the very beginning

How can we counteract the consumption of energy and resources in the construction industry? How can we ensure that building products and the raw materials used for them are not thrown away, but continue to be used for as long as possible?

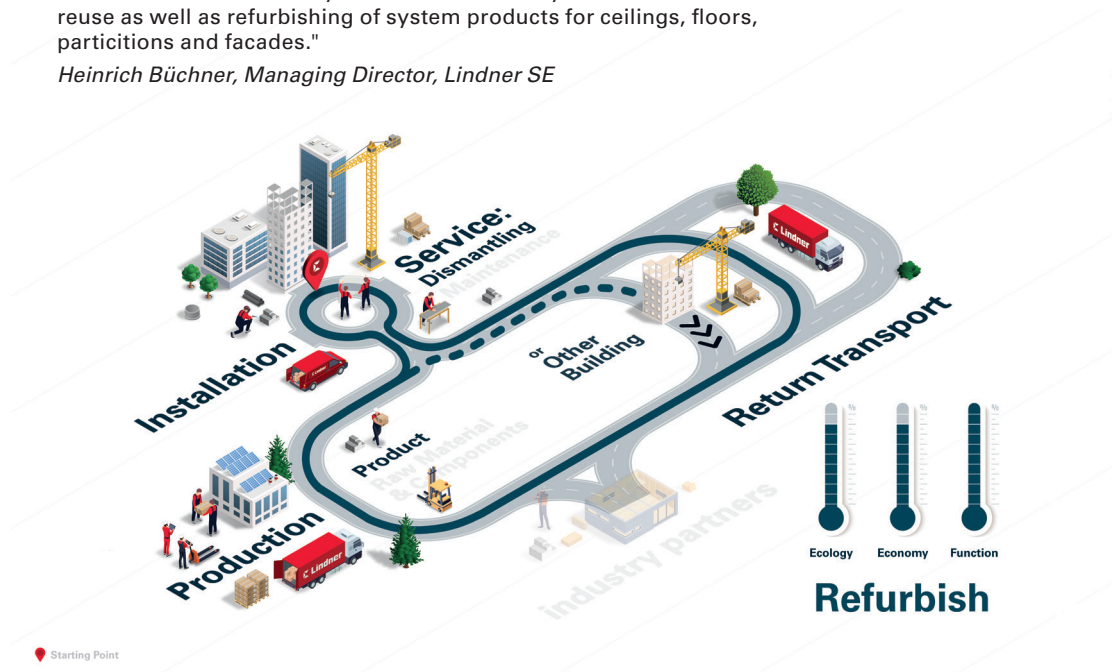
For example, with products and fit-out concepts that remain in their initial use for as long as possible or can be reused 1:1 in the same or another location. Another possibility is the return and reprocessing of used products or their components. Lindner also takes care of the recycling of residual materials: either as a raw material within its own production process or in an external material or substance cycle.

In product design, we rely on the **Cradle to Cradle Certified® product standard** with certified systems for the **complete interior design**. EPDs as well as emission evidence are available and Lindner can be found in the most common material databases, such as Madaster.

We also use a circular, hand-in-hand design for the various sub-systems: Due to **Lindner's unique modular system**, the products for **ceilings, floors and partitions** are perfectly matched to each other, are as modular as possible and can easily be dismantled.

"In order to radically reduce the consumption of energy and resources during construction and in subsequent phases of operation, we at Lindner focus mainly on closed material cycles in the form of reuse as well as refurbishing of system products for ceilings, floors, partitions and facades."

*Heinrich Büchner, Managing Director, Lindner SE*



## ReUsed Products – reuse and refurbish

### Creating new life for used products

Lindner systems are characterised by the highest quality and longevity. The service life of a NORTEC raised access floor panel, for example, is 50 years and more.

For existing renovations, but also for rental spaces with frequent conversions and short periods of use, often less than 10 years, this technical lifetime is never reached. Building components in good condition end up (way too often) in the waste container.

Lindner wants to counteract this waste and use the full value-added potential of the materials. For example, by **taking back and refurbishing used floor panels**.

After an inspection and refresh at the factory, the Lindner LOOP panels are in no way inferior to new ones. The **reprocessed panels have the same structural properties** in terms of statics,

fire protection and sound insulation, as well as a **more than 70 % improved carbon footprint**. Thanks to a new, patented process, Lindner can now reactivate gypsum from residual materials.

The ReUsed concept is also applied at Lindner for partition wall and ceiling systems, as well as wooden doors. With the take-back, Lindner offers not only an **ecological** but also an **economic added value to customers** for renovations, redesigns and new constructions.

The reuse of used floor panels quickly explained

