

# Drytile

Ceramic tiles – dry installation

# + FLOOR and more<sup>®</sup>

Hollow floor system



DRY|ILE

 **Lindner**

 **AGROB BUCHTAL**

# Innovative installation systems



Efficient, easy and swiftly installed: the cooperation between Drytile and Lindner pays off for architects, planners and building owners alike.

The combination of FLOOR and more<sup>®</sup> and the Drytile system unites all of the advantages of a hollow floor system with the uncomplicated installation of a high-quality ceramic floor covering.

# Two strong partners – one well-conceived floor system

Whether shop-fitting, public facilities or office spaces, the cooperation of two experienced partners makes functional and sustainable floor design easy.

Agrob Buchtal knows its way around tiles. We have been working with clay since 1755 and have a comprehensive understanding of the production of stoneware, fine stoneware and earthenware of the highest quality. Yet we work ceaselessly to make our tiles even better. Craftsmanship and new technologies combine in the creation of innovative slip-resistant surfaces for wet areas and the development of new and simple methods for processing ceramics, such as Drytile, which allows installation without adhesive. We invest in health and hygiene, as demonstrated by our sustainable Hytect technology, which is used in almost every product we make. As well as developing innovations in all areas, we also pride ourselves on offering bespoke new solutions and helping architects bring their best ideas to life with our in-house planning department.

The Lindner Group is a family-run construction company, manufacturer of building products, and construction service provider. It produces all kinds of system products for interior finishing, the building shell and insulation technology in its manufacturing facilities: floors, ceilings, lights, doors, walls, facades. With high standards of quality, environmental compatibility and innovation, Lindner is continuously developing this range for use by its customers worldwide.

## Drytile

Ceramic tiles for dry installation



## FLOOR and more®

The hollow floor system

Drytile enables the installation of a high-quality floor with all of the advantages of ceramic – and within record time. With a cork layer on the back, thereby dispensing with adhesive altogether, Drytile can be laid up to 8 times faster. This saves time, reduces closing times and optimises installation processes.

One unique feature of Drytile is its specially-developed cork layer based on polyolefins. This ensures that the tile is firmly suctioned to the floor. No mortar bed, no adhesive. We refer to this system as dry tiling.

The principle is as ingenious as it is simple: the inherent weight of the tile presses the cork layer into the subsurface where it bonds tightly and guarantees that everything stays firmly in place, whereby it goes without saying that the Drytile system offers all of the advantages of ceramic tiles compared to other floors such as laminate or vinyl: it is absolutely light-fast, UV-resistant and odour-neutral, heavy furniture does not leave any pressure marks, it is non-flammable and resistant to heat.

### FLOOR and more®

The dry hollow floor system FLOOR and more® leaves nothing to be desired: non-combustible, acoustically extremely effective and resilient after just one day, it is the optimal product for a wide variety of applications.

### FLOOR and more® power

The dry hollow floor system FLOOR and more® power assumes a supporting role in heavy-duty tasks. In many areas, floors need to withstand higher loads.

### FLOOR and more® comfort

The dry hollow floor system FLOOR and more® comfort creates a pleasant and homely atmosphere in the room. Regulation of the room climate is ensured in summer and winter alike thanks to an intelligent heating and cooling system. The underfloor heating integrated into the elements impresses with its fast response time, good heat reflection and high degree of efficiency.

# Two components, one system thanks to bundled expertise

Combined into one system, Drytile and FLOOR and more<sup>®</sup> offer great advantages for your building project. Faster than conventional superstructures, the FLOOR and more<sup>®</sup> system offers an installation cavity and an enormous variety of ceramic surfaces.



- Lindner FLOOR and more<sup>®</sup>

The dry hollow floor system provides the requisite stability under Drytile. The cavity floor tiles are made of fibre-reinforced calcium sulphate. The tiles are glued together by means of a special interlocking groove at the edges, which creates a closed base layer. The galvanised steel supports create the hollow space to accommodate the supply lines and offer exceptional flexibility with their high load-bearing capacity as well as their large adjustment range.



## ● Drytile

Drytile comprises a few components that enable ceramic floors to be replaced quickly and effortlessly. A layer of cork is permanently applied to the back of the ceramic tile using a special process. The surrounding edge automatically creates a system joint during installation. This dry installation saves time and optimises the construction process.

# Advantages<sup>2</sup>

## FLOOR and more<sup>®</sup>

- + Jointless system
- + Best fire protection properties
- + Fast installation
- + Free choice of top coverings
- + Tested according to EN 13213 for hollow floors
- + Dry installation, low-moisture

## Shared advantages

- + System guarantee – when combined, no influence on load, can be used without restrictions.
- + FLOOR and more<sup>®</sup> can be combined with 8 mm ceramic tiles – saving money and space
- + When combined, a footfall sound level reduction of 21 dB
- + Joint time saving – installation faster than conventional installation
  - + Drying time: can be walked on after 12 hours

# Combined know-how for an aesthetic, functional floor

- + Maximum flexibility and variability
- + Easy-to-mount installation is simple and quick to learn; no dependence on tilers
- + Dust-free work – allows parallel activities (e.g. painting, electrician etc.)
- + Both systems have Cradle to Cradle Certified® certification

## Drytile

- + Can be completely dismantled without effort
- + Easy repair of damaged tiles (damaged tiles can be replaced within minutes)
- + Surface treatment (Hytect or Protecta)
- + Complete package: in addition to the floor, matching wall and stair tiles, skirting etc. are offered
- + Made in Germany
- + Closed surface, therefore hygienic
- + Various slip-resistant surfaces

# A floor that moves sustainably.

Conserve resources, renovate existing buildings, build in a circular manner

The requirements to be met in the construction sector are continuously increasing. Building owners, planners and users make new demands which also include future developments to a greater extent than ever before. Energy efficiency, conservation of resources and climate change are the key words which have a decisive influence. With Drytile and Lindner, two strong partners have decided to jointly implement a sustainable building product on the market.

Drytile is aware of its responsibility with regard to sustainable building and also supports the idea of sustainable building by its membership in the German association for sustainable building (Deutsche Gesellschaft für Nachhaltiges Bauen (DGNB)). Lindner stands for "Building with new solutions". As a family business, it preoccupies itself every day with how products and services, implemented projects and everyday working life can be made even more sustainable and environmentally friendly.

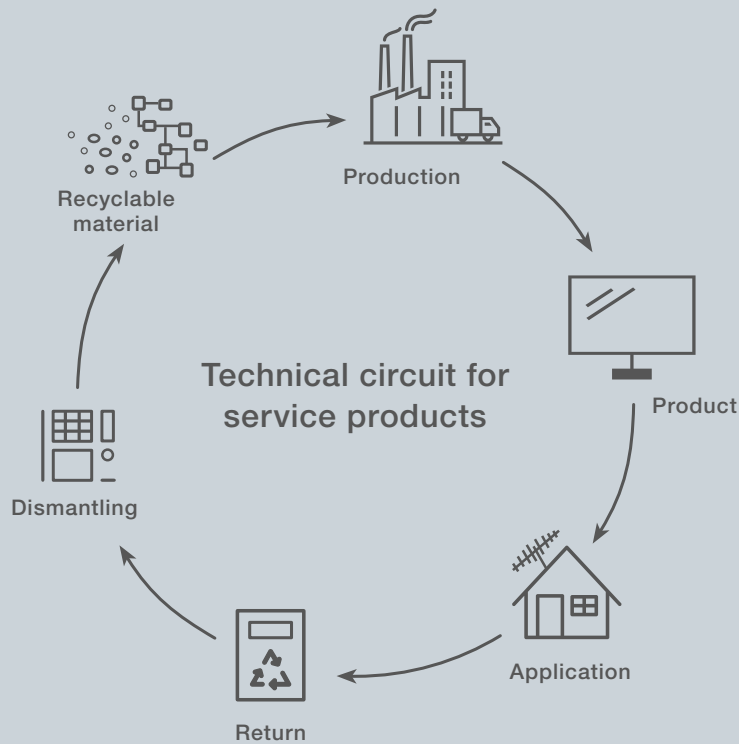
As a founding member of the DGNB, Lindner is not only a pioneer in "sustainable building", but has also been a leading supplier of recyclable, low-pollutant system products with detailed environmental product declarations and life cycle assessments since 2011.

In this context, implementing projects sustainably means acting in an ecologically, socially and economically responsible manner. The focus is not only on the goals set for the building project and the most common building certifications, but also on minimising energy and resource consumption as well as transparency and optimisation of all processes with the help of quality, energy and environmental management.

For Lindner and for Drytile, it is a matter of course to create something lasting, to deal responsibly with the environment, and to focus on the health of people and nature.







The topic of sustainability sets the tone for a rapidly changing world. Examples of change can be found everywhere: in new lifestyles, working environments and mobility solutions. A high pace of innovation is required. Drytile has its very own formula for success for the complex requirements of a changing society. With this ceramic floor, the principle of dry installation is far more than a trend: it makes it possible for rooms and users to redefine themselves again and again, thus providing the economic framework for sustainable transformation processes. In combination with the FLOOR and more® hollow floor system, this results in a further building block for the responsible use of resources and the provision of sustainable solutions in construction projects.

The Lindner Group's hollow floor system and Drytile are certified according to the Cradle to Cradle Certified® product standard. Thinking in cycles means that precious resources are not wasted but reused. This is how the world's most advanced, science-based standards for the production of safe and circular products are met. Cradle to Cradle is a practical and verified approach which, by creating an optimisation path for safe and circular products, aims to make our economy sustainable in terms of recycling. This is a challenge that Drytile and Lindner are successfully meeting.



To accelerate the change, innovative, sustainable products are gaining in importance by leaps and bounds. Drytile products and the hollow floor system from Lindner can remain in the material cycle for a very long time, as they are degradable and recyclable. Just the right thing for sustainable building life cycles and architecture that is moving with the times.

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03/2025

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