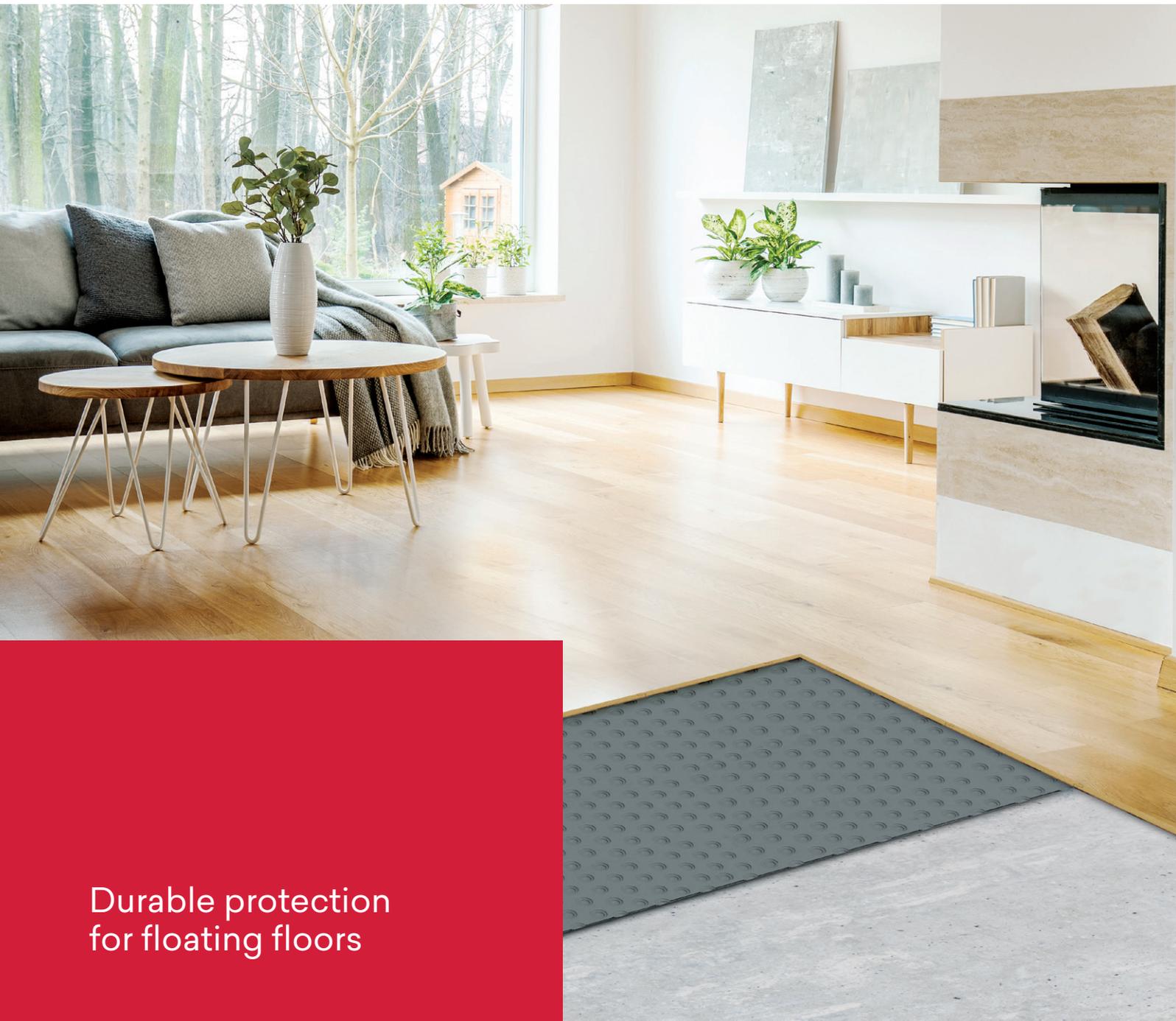


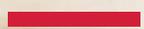
Platon Comfort



Durable protection
for floating floors



Platon Comfort



HUMIDITY PROTECTION AND LONG LASTING FLOOR COMFORT

Platon Comfort is an underlay made of high-quality polypropylene. Its properties form an absolutely durable barrier against rising damp from the screed. With its additional product advantages, Platon Comfort is the first choice.

With many years of experience in building protection against moisture, Platon Comfort has been specially developed for use in floor constructions.

Platon Comfort – unique product arguments for a better floor

- Protection against moisture
- Increased walking comfort
- Effective impact sound reduction
- Saving time during installation
- Improved room climate
- Ideal for underfloor heating systems
- Lifetime functionality

Lifetime: Reliable moisture protection

With Platon Comfort you can tread safely. Damage to floor coverings, caused by rising dampness, belongs to the past.

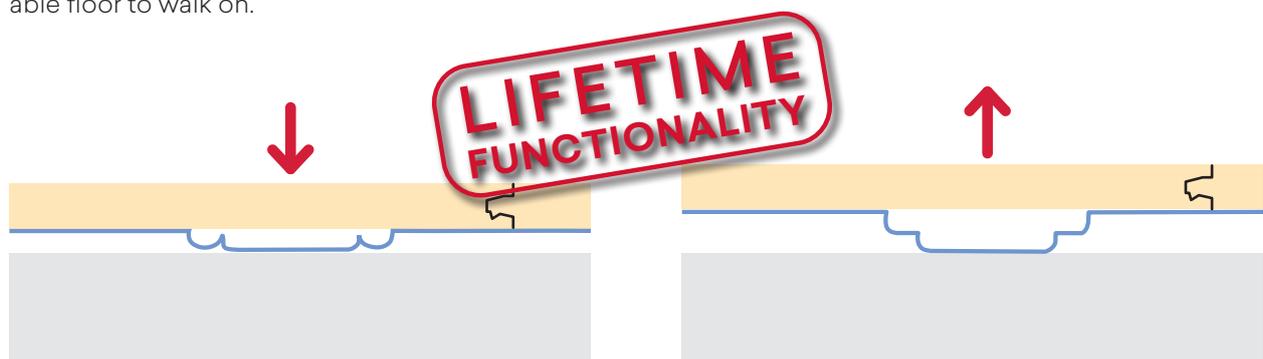
Platon Comfort's thick membrane offers absolutely durable damp proofing. Right from the start Platon Comfort provides optimal protection for floating floors.

Lifetime: Impact sound reduction

The dynamic stud of Platon Comfort results in an impact sound reduction of 17 to 19 dB, depending of the type of flooring above Platon Comfort.

Lifetime: Platon Comfort elastic spring technology

The special designed studs of Platon Comfort allow dynamic contraction. The stud is compressed under weight and springs back to its original form, just like an elastic spring. Giving the impression of a comfortable floor to walk on.

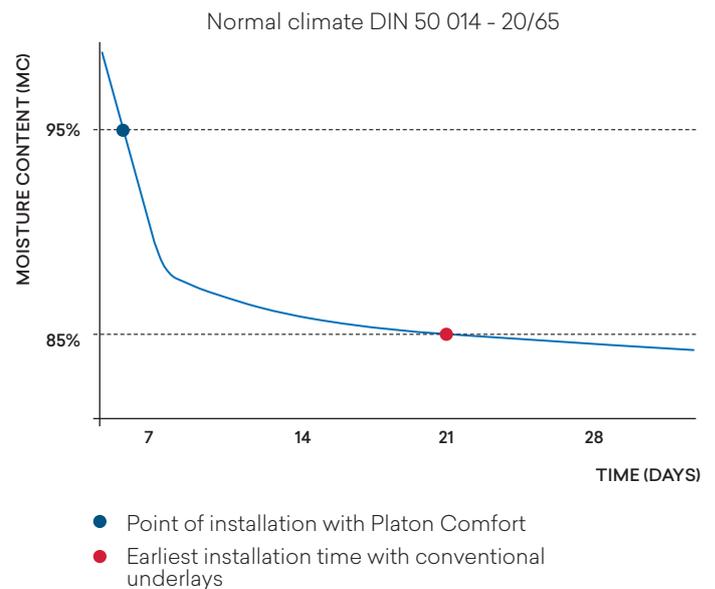


THIS IS HOW THE ELASTIC STUDS BEHAVE UNDER PRESSURE

The quick solution

Platon Comfort can be laid already at humidity levels of 5 CM% or 95% RH and flooring installed immediately. You save time and the costs of complex measuring. The room can be used a short time after construction of subfloor.

The graph illustrates the drying period for concrete slab and clearly indicates that Platon Comfort as underlay allows for a much earlier installation of flooring.



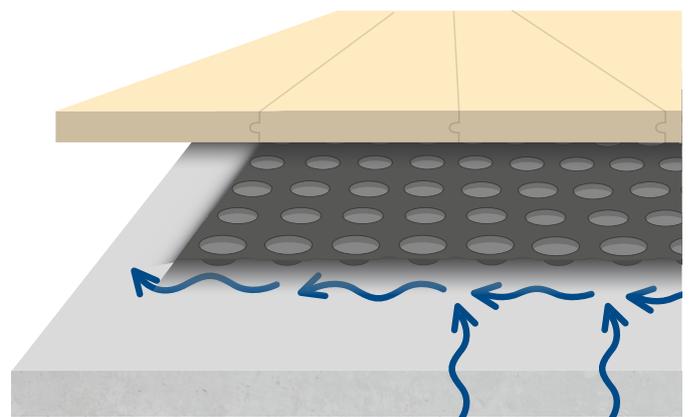
PLATON AIR GAP TECHNOLOGY

Indoor Environment Quality

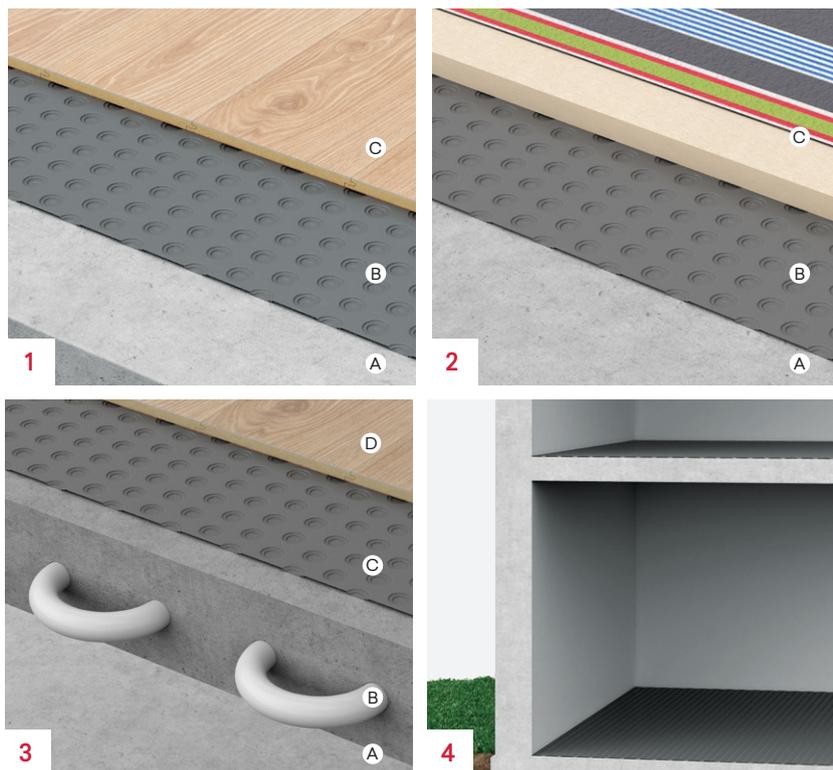
Platon Comfort does not block humidity. Under conventional flooring underlay, the residual moisture often results in build-up of mould or other harmful micro-organisms in the perimeter of the floor. With air gap technology the indoor climate will be improved.

Improved indoor climate

Platon Comfort supports the natural drying process. Installing the membrane studs facing down creates a thin but highly effective air gap between the concrete slab and Platon Comfort. Water vapour that emerges from the screed can be evenly distributed in this layer and is released over the edge into the entire room.



Typical floor construction



For floor heating systems

When it comes to floor heating Platon Comfort is the product to choose. High thermal conductivity provides both a comfortable floor temperature and the effective use of the heating system. Platon Comfort can be installed on all floors with either electrical or radiant floor heating systems.

1: A. Concrete,
B. Platon Comfort,
C. Parquet/laminate flooring*

2: A. Concrete,
B. Platon Comfort,
C. Floor grade/Chipboard* and coverings (vinyl, carpet)

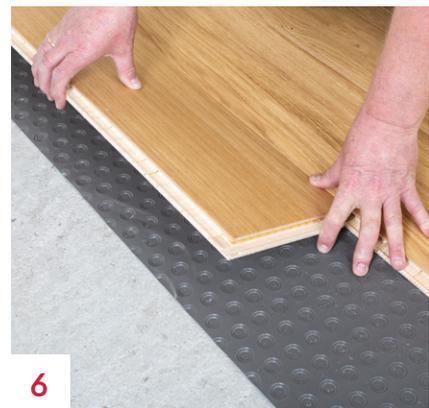
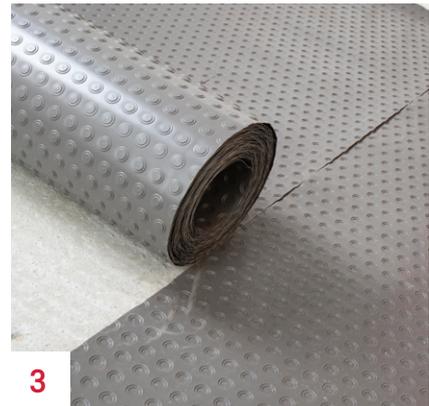
3: A. Concrete,
B. Heating system
C. Platon Comfort,
D. Parquet/laminate flooring*

4: Platon Comfort can be used on all levels of a multi-storey building.

*min. 7 mm material thickness

Installation of Platon Comfort

No special tool is needed. It is best to use a scissor or a sharp knife.
The joints are easily sealed using Platon Comfort tape.



Before you start, check if the flatness of the concrete surface is within the required specifications, 3mm unevenness by 2m length. Clean the floor using a vacuum cleaner.

Roll out the mat, stud facing down. Roll out next length and place it edge-to-edge against the adjoining length of the matting. Check the distance between the wall and the matting to be approx. 5 mm. Seal the joints with the Tape and press the tape firmly to the mat.

Cross joints are sealed the same way as the long joints. At tubes etc. coming up from the floor, seal between the mat and the tube with Tape. By installation of the top flooring, please follow the instruction by the manufacturer. The flooring shall never be fixed through Platon Comfort to the sub floor.

Technical Data



Roll size: 1,00 x 20 m

Rolls/Pallet: 20 Rolls/Pallet

Raw material: Polypropylene

Colour: Grey

Stud height: Ca. 2,0 mm

Construction height: Ca. 2,5 mm

Material thickness: Nominal 0,5 mm

Weight: 450 g/m²

Water vapour resistance: 300 m
equivalent air layer

Impact sound reduction: 17-19 dB

Reflected walking sound emission: 11%

Thermal conductivity: Ca. 0,048 W/m.K
(EN 12664)

Cushioning effect: Ca. 20% (DIN 18032- 2)

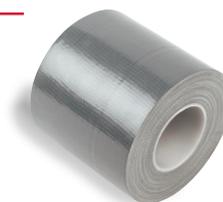
Floor heating: More than 1 °C higher surface
temperature than traditional underlay.

Tape:

Roll Size: 0,075 x 18 m

Rolls/Box: 12 Rolls/Box

Fulfills the requirements of
the CEN/TS 16354



Platon Comfort
Tape

**LIFETIME
FUNCTIONALITY**



Platon Comfort



*Build
simply
better*

