

Platon Comfort

TRITON

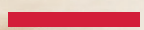
isola



Reliable protection for
wooden flooring



Platon Comfort



HUMIDITY PROTECTION AND LONG LASTING FLOOR COMFORT

Platon Comfort is moisture protective flooring underlayment made by polypropylene. The barrier properties of the product secure the flooring to be degraded by the humidity in the subfloor. The underlayment provides a multiple of benefits beyond the protective ones.

Platon Comfort is a typical developed product for designated application, based on a long-term experience in humidity protection of floor construction.

Platon Comfort offers several unique product arguments

- Humidity protection
- Walking comfort
- Sound reduction
- Saving time during installation
- Improved climate
- For floor heating systems

Humidity protection

Floating floors must be protected from rest humidity in the concrete sub-floor. Platon Comfort offers water vapour resistance three times higher than traditional foam and PE-films.

A material thickness of 0,5 mm ensures that Platon Comfort resilience to mechanical stresses. It provides a durable safe underlay for all wooden flooring and offers lifelong protection to your floor.

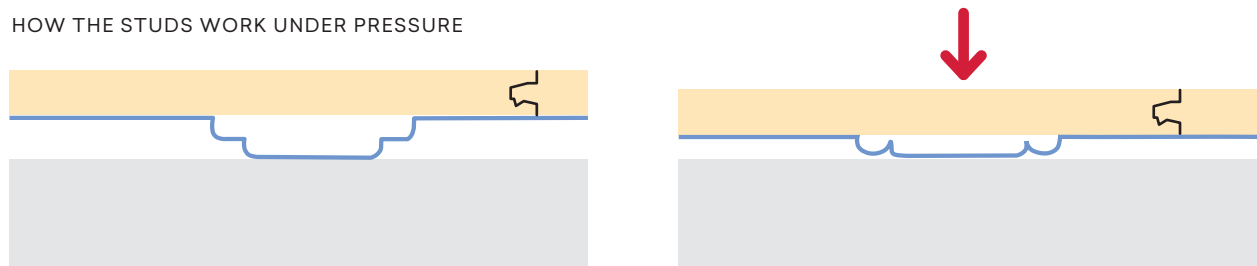
Walking comfort

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

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.

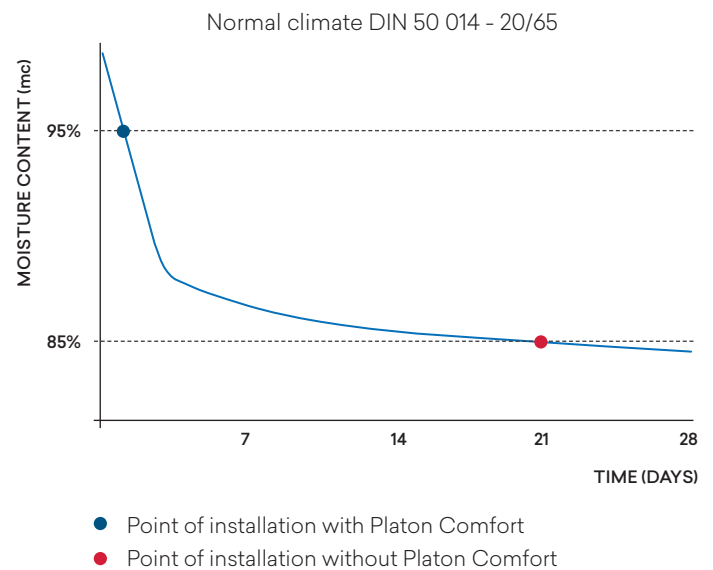
HOW THE STUDS WORK UNDER PRESSURE



Save time, install the wooden floor sooner

Platon Comfort can be laid already at humidity levels of 95% RH or 5 CM% and flooring installed immediately. Time and costs of complex measurements is thereby avoided. The room can be used shortly thereafter.

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.



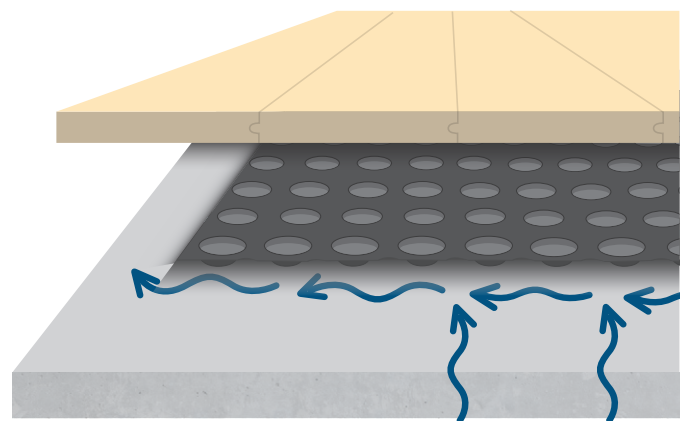
THE PLATON AIR GAP TECHNOLOGY

Improved indoor climate

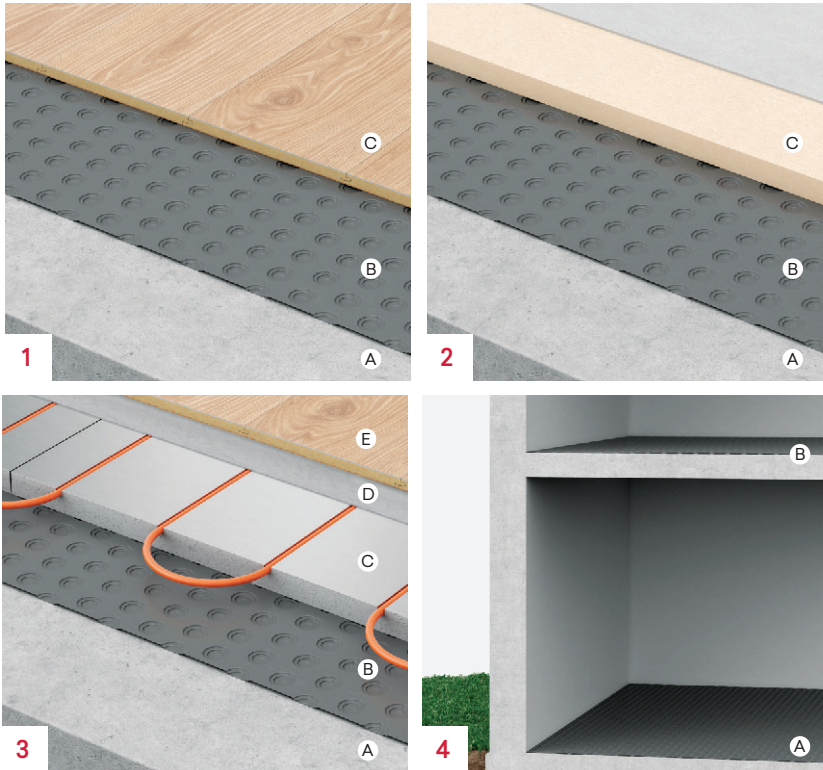
Platon Comfort supports the natural drying process. Installing the membrane studs facing down creates a thin but highly effective air gap between the concrete slab and Platon Comfort. Water vapour, released throughout this layer. Further equalization takes place towards the room. The concentration of water vapour in the air reduced by approx. 2000 times.

Indoor environment quality

Platon Comfort do not block humidity in the sub-floor like f.e. PE underlay films which often promotes the build-up of mould or other harmful micro-organisms. These processes may pose considerable risk for persons with allergies. The unique air gap technology and the outstanding barrier characteristics of Platon Comfort ensure healthy living.



Typical floor construction



For floor heating system

When it comes to floor heating Platon Comfort is the product to choose. Outstanding moisture barrier characteristics of Platon Comfort provide protection for your wood floors. High thermal conductivity provides both a comfortable room temperature and the effective use of the heating system. Platon Comfort allows the installation of electrical 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 slab,
B. Platon Comfort,
C. Low voltage heating system
D. Kraft paper,
E. Wood or laminate flooring

4: Platon Comfort is used at
ground level on multi-storey
concrete floors

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

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 dampening: 17-19 dB (A)

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.



Platon
Comfort tape



Platon Comfort

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Build simply better

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