

INSTALLATION INSTRUCTIONS FOR GLUE DOWN INSTALLATION

In association with Mapei



Dear customer,

Thank you for purchasing our Parky floor. It is essential to read these installation instructions carefully. Decospan does not accept any liability for consequential damage caused by non-observance of these instructions.

1 INSTALLATION MATERIALS

- Parky installation kit (tapping block — expansion spacer — pull bar)
- Hammer, pencil, saw, cutter and measuring stick
- Adhesive and trowel
- Where necessary, moisture barrier, primer and/or levelling compound

Never hit the planks directly with a hammer. Always use the tapping block to protect the edges of the planks.

2 UNDERFLOOR HEATING AND COOLING

Parky floors can be installed over underfloor heating and cooling. Follow the instructions of the floor heating or cooling manufacturer. The maximal contact temperature may not exceed 27°C (80°F). You can find our installation instructions on www.par-ky.com.

3 STORAGE

Store your Parky floor in a perfectly dry and protected room with an air humidity of 40 to 60% and a temperature of 16 to 21° C (61-70° F). To prevent deformation, avoid placing the boxes directly on the ground or in direct sunlight.

Warning: do not open the boxes until the moment of installation.

4 PREPARATIONS

Place the Parky packs in the relevant room 24 hours before installation. Place them in the middle of the room and never against a wall. Open the packs just before installation. Carefully inspect each plank. Do not install planks with defects.

Remark: veneer flooring is a natural product and therefore unique so no planks are identical. Minor variations in colour and structure are normal. Small natural marks such as knots and mineral streaks are tolerated and have no effect on the quality of the floor. We strongly advise you

to use the same production batch per room to obtain the most uniform result. You can find the production number on the groove of each plank and we highly recommend not to mix two different batches.

Defects in the subfloor have to be repaired.

4.1 SUBFLOOR PREPARATIONS

4.1.1 Subfloor requirements:

- Flatness: direct gluing onto the subfloor requires flatness class 1 (strict tolerance - 3 mm maximum under the 2 m ruler), for instructions and measuring method see TVN 218 of the WTCB.
- Subfloor must be permanently dry.

Maximum permissible moisture content (Calcium Carbide Measurements):

- Cementitious screed
 - Without floor heating $\leq 2.0\%$
 - With floor heating $\leq 1.8\%$
- Cast anhydrite screed
 - Without floor heating $\leq 0.5\%$
 - With floor heating $\leq 0.3\%$
- Multiplex $\leq 12\%$, for the values of OSB and other plate materials please refer to TV 218 of the WTCB. The panels must be free of deflection and be completely unfinished. If not, first roughen up the panels and remove all dust prior to gluing.
- Rising damp moisture must be avoided at all times. If no vapour barrier is present in the floor structure on the ground floor, apply Triblock P to block the damp moisture. or a screed with floor heating, no vapour barrier is installed on top of the screed, because a vapour barrier should already be present under the floor heating.
- Minimum mechanical properties: the subfloor must be stable and load-bearing. The subfloor should not exhibit any cracking.
- Overall cleanliness of the subfloor (no dust, dirt, oil, paint or glue residues, plaster, stucco, etc.); The subfloor must be free of loose particles and contaminants that may prevent proper adhesion.

4.1.2 Types of subfloor:

Cement screed: (Max. moisture content see previous chapter "4.1 Subfloor preparation"). If the moisture content in the cement screed exceeds the maximum permissible value, wait until the screed is dry or apply one of the following liquid moisture barriers*: Eco Prim PU 1K, Eco Prim PU 1K turbo, Primer MF, Primer MF EC Plus, Triblock P. (Always refer to the Technical Data Sheets)

For touching up existing cement screeds or installing fast-drying cement screeds, use Topcem Pronto or Mapecem Pronto (for working method see Technical Data Sheets).

Provide adequate ventilation to ensure proper drying.

For floor heating, the start-up protocol of the relevant installation must be strictly complied with before installing the parquet (contact your central heating installer for advice on the protocol).

Anhydrite screed: Mapei's advice is to always sand the screed (using the appropriate grain size!) and then remove all sanding dust. Subsequently, 1 coat of Eco Prim PU 1K or Eco Prim PU 1K turbo is applied (Always refer to the Technical Data Sheets).

For floor heating, the start-up protocol of the relevant installation must be strictly complied with before applying the primer and installing the parquet. Also make sure to observe the screed manufacturer's advice regarding the installation guidelines.

Existing tiled floors: Carefully check the adhesion of the tiles to the subfloor. Remove defective or poorly adhering tiles and repair the subfloor with Nivorapid floor leveling compound. For tiles laid on a traditional sand bed, we advise to break out the tiles together with the sand bed and to install a new screed with vapour barrier. Also make sure to check for the presence of a crawling space or basement under the tiled floor. Damp moisture transmission must be avoided (see introduction). If no vapour barrier is present in the bottom floor structure, apply Triblock P* to the existing tiled floor, provided the moisture content does not exceed 5%. If a higher moisture content is measured, you should first address the cause. When in doubt please contact Mapei. Existing tiled or natural stone floors must also always be thoroughly degreased to achieve proper adhesion (moisture barrier and/or parquet adhesive, and then thoroughly rinsed with pure water. If necessary, roughen up the tiles and thoroughly remove all sanding dust. Parquet adhesive may only be used if both the subfloor and the surface of the existing tiled floor are dry.

(Existing) wooden floors: The moisture content of the wooden floor must meet the applicable standards. The floor must be sufficiently load-bearing and stable. Allow for expansion. For installation on joists, the existing floor must be free of deflection. Remove all contaminants from the wooden floor, such as paint, adhesive residues, etc. Install the parquet floor perpendicular to the direction in which the existing wooden floor was installed.

Existing smooth floors of carpet, cork, linoleum, PVC, ...: We strongly recommend not to install your parquet floor on top of these existing floor coverings (except for floating installation on an underlay). The existing covering must be removed completely. After removal, the subfloor must be cleaned of all residual glue and checked for compliance with the requirements in the section "Preparation".

When in doubt, or for subfloors not included in the above list, please contact your distributor.

5 LAYOUT

We recommend installing the floor towards the light or in the direction of the longest wall.

Remark: some wood species are sensitive to colour variations under the influence of UV light. It is a natural occurrence that colours may darken or lighten over time.

6 INSTALLATION

Place the Parky boxes in the middle of the room (not against a wall) 24 hours prior to installation. Open the packs just before starting the installation. Carefully inspect each plank and do not install any planks with visible defects.

We recommend mixing the planks from different packs during installation to create a more uniform appearance.

Parky uses the Uniclic[®] (Pro) and Unifit X[®] (Master, Deluxe, Summit and Swing) systems to install floating floors. The floorboards are held together using a click tongue-and-groove system. This system is faster and error-free.

Ambient conditions during installation:

- The air temperature in the room must not be lower than +16 °C and should preferably be between +16 °C and +21 °C.
- The Relative Humidity (R.H.) in the room must not exceed 60% nor fall below 40%. These limit values should only occur for a limited period. Ideally, the R.H. should be between 40% and 55% at an air temperature of approximately +20 °C. (Refer also to NIT 218 from Buildwise/WTCB).
- The moisture content of the wood must be in equilibrium with the R.H. of the indoor air, typically between 8% and 12%.

6.1 EXPANSION GAP

Maintain an expansion gap of 5–8 mm along all walls and fixed elements. These gaps can be covered with skirtings attached to the wall, but never to the floor. For floors longer or wider than 15 m, provide an additional expansion joint using a T-profile. Installing a profile in door openings is optional, not mandatory.

Heavy/fixed objects (such as kitchen islands, built-in cabinets, heavy stoves...) should be perceived as walls when installing flooring and therefore require the minimum expansion gap.

Parky is a real wood floor. Sufficient expansion gaps should therefore be left along each wall, around heating pipes, and around obstacles on the surface (door frames, for example).

6.2 THE FIRST ROW

Cut off the tongue from the first plank, both the short edge and the long edge. For the other planks of the first row, only cut off the tongue on the long side. Angle the end joint of the second plank into the end joint of the installed plank. Lower and click the plank into place. Use a rubber hammer to check the joints and tap gently if necessary. Make sure the first-row planks are straight.

6.3 THE SECOND ROW

Use the leftover plank from the first row to start the second row. The minimum length of the leftover plank should be at least 20 cm (8").

6.3.1 For Uniclic[®]:

Continue the second row with an entire plank. First click the long edges of the plank into the planks of the first row. Keep a 6 mm (1/4") distance from the first plank in the second row. Gently knock the second plank into the first using the tapping block from the installation kit.

Continue according to this methodology until the last row.

Remark: Never attempt to hammer a plank into the click system in a single motion using the tapping block. Ensure that you stagger the alignment so that the end joints of consecutive rows are not aligned. We recommend maintaining a minimum distance of 30 cm between them.

6.3.2 For Unifit X[®]:

Lift the next board at an angle of 20 to 30 degrees, push the board into the groove on the long side and carefully slide it to the left until it touches the end of the previously laid board. Push the board down firmly towards the floor. Thanks to the Unifit X[®] system the connection in the end fits perfectly.

Always check each joint before proceeding to the next step. If necessary, use a rubber mallet to gently tap the tapping block to make sure both planks are clicked tightly into place. Avoid aligning the end joints of the planks in two successive rows. We recommend staggering them by at least 30 cm (11 13/16").

6.4 THE LAST ROW

Make sure to leave an expansion gap of 5-8 mm between the last plank and the wall. Cut the planks of the last row lengthwise. To click the planks in the second-to-last row, use the metal pull bar from the installation kit.

6.5 DOORFRAMES

Cut the planks and make sure there is an expansion gap of 5-8 mm. Use the pull bar in case it is not possible to click the plank into place.

6.6 HEATING PIPES

Carefully look at the drawing to determine the best way to saw the Parky plank when installing it near a heating pipe. It is important to follow these instructions for a nice result. Finish the installation by applying silicone around the pipes.

It is important that the expansion gap is closed off to avoid moisture getting to your Parky floor.

6.7 THE FINISH

Remove all spacing blocks and install the skirtings.

Caution: never attach the skirting board to the floor, but always to the wall. The floor must be able to expand and contract freely underneath the skirting. If a skirting board cannot be used, apply silicone instead. In general, the surface must be finished in such a way that no moisture can penetrate the Parky floor..



7 Maintenance and protection

Use the Parky cleaner to maintain your Parky floor. The cleaner removes the dirt without harming the lacquer and it gives your floor a nice look. Contact your dealer for stubborn spots.

For an optimal protection of your Parky floor, make sure to add:

- A doormat if the floor is installed at the entrance.
- Pieces of felt under the chairs.
- Parquet wheels under office chairs and a protection mat under the chair.

CONSOLIDATING SCREEDS		ECO PRIM PU 1K	ECO PRIM PU 1K turbu fast-drying	PRIMER MF EC Plus	PROSFAS	EPORIP* or EPORIP turbo* or EPOJET*
CEMENT SCREEDS	Surface reinforcement	•	•	•	•	
	In-depth reinforcement				•	
	Repair (sealing) of cracks / tears					•
	Floor heating	1 layer	1 layer	1 layer	•	•
ANHYDRITE SCREEDS	Surface reinforcement	•	•	•		
	In-depth reinforcement					
	Repair (sealing) of cracks / tears					•
	Floor heating	1 layer	1 layer	1 layer		

*If these products are also to be used to seal up the cracks, we recommend the use of 'Rivets for Eporip'.

LEVELING SUBSTRATE	ULTRAPLAN BASIC Xtra	ULTRAPLAN MAXI	FIBERPLAN Xtra	NIVORAPID*	NIVORAPID + LATEX PLUS
Cement screeds	Prepare subfloor with Eco Prim T Plus primer			It is recommended to prepare the subfloor with Eco Prim T Plus primer	Only for non-glued applications
Mapei fast-drying cement screeds: Mapecem (Pronto), Topcern (Pronto)					
Cement screeds with floor heating					
Concrete floor plates	Prepare subfloor with Eco Prim T Plus primer			It is recommended to prepare the subfloor with Eco Prim T Plus primer	
Anhydrite screeds	Prepare subfloor with Eco Prim T Plus primer				
Existing ceramic tiles / natural stone	Prepare subfloor with Eco Prim Grip Plus			It is recommended to prepare the subfloor with Eco Prim T Plus primer	
Wooden subfloors			Prepare subfloor with Eco Prim Grip Plus or Eco Prim T Plus		

*Recommended as ultra-fast local smoothing and levelling compound. For use see Technical Data Sheet.

INSTALLING MOISTURE BARRIER	RESIDUAL MOISTURE BARRIER			VAPOUR/MOISTURE BARRIER
	ECO PRIM PU 1K	ECO PRIM PU 1K turbu fast-drying	PRIMER MF EC Plus	TRIBLOCK P
Cement screeds	•	•	•	•
Cement screeds with floor heating				
Anhydrite screeds				
Anhydrite screeds with floor heating				

GLUING With Mapei Trowel	ULTRABOND ECO S 948 1K	ULTRABOND ECO S 955 1K	ULTRABOND ECO P 909 2K
Multilayer parquet, finished	+++	+++	+++
Multilayer parquet, unfinished	+++	+++	+++
Floor heating	+++	+++	++

All products listed are Mapei products.

For correct use of the products, please refer to the Technical Data Sheet available at www.mapei.be

For further information or specific solutions for your project, feel free to contact Machiel De Medts, Product manager Wooden Flooring Mapei - Mobile +32 (0)478 87 22 28 - email: m.demedts@mapei.be