

Installation instructions

for glue down installation in association with 

Dear customer,

Thank you for purchasing our Parky floor.

It is essential to read these instructions for installation carefully.

Decospan does not accept any liability for consequential damage caused by non-observance of these instructions.

INSTALLATION MATERIALS

- Parky installation set (tamping block - spacer blocks - striking bar)
- Hammer, pencil, saw, box cutter, measuring tape
- Adhesive and trowel
- Where necessary, moisture barrier, primer and/or levelling compound

INSTALLATION

Before laying the parquet, all windows and doors should be in place.

The space must be windproof, dry and enclosed.

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 TV 218 of the WTCB.
- Subfloor must be permanently dry.

Maximum permissible moisture content (Calcium Carbide Measurements):

- Cementitious screed without floor heating $\leq 2.0\%$
- Cementitious screed with floor heating $\leq 1.8\%$
- Cast anhydrite screed without floor heating $\leq 0.5\%$
- Cast anhydrite screed with floor heating $\leq 0.3\%$
- Multiplex $\leq 10\%$, 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. For 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.

Ambient conditions for installation:

- The air temperature in the space may not be less than $+16^{\circ}\text{C}$ and should preferably be between $+16^{\circ}\text{C}$ and $+21^{\circ}\text{C}$.
- The Relative Humidity (RH) in the space may not be greater than 60% or less than 40%. These limit values may occur only for a limited period of time. The RH should preferably be 40% to 55% for an air temperature of approx. $+20^{\circ}\text{C}$. (See also TV 218 of the WTCB).
- The moisture content of the wood must be in balance with the RH of the indoor air, i.e. normally between 8% and 12%.

Types of subfloor:

- 1/ **Cement screed:** (Max. moisture content see page 1 "Maximum permissible moisture content"). 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).

- 2/ **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.

- 3/ **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. 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.

- 4/ **(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.

- 5/ **Existing smooth floors of carpet, cork, linoleum, PVC, etc.**

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 "Installation".

When in doubt, or for subfloors not included in the above list, please contact Decospan/Mapei

* The limits of use of a liquid moisture barrier are always determined on the basis of lab tests whereby on-site testing is virtually impossible. The installer will therefore decline any liability for any subsequent higher capillary pressure values and the possible consequences.

CONSOLIDATING SCREEDS		ECO PRIM PU 1K	ECO PRIM PU 1K turbo 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'.

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

*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 turbo	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 Michiel Roegies, Sales & Technical Adviser Wooden Flooring Mapei, +32 (0)471 61 34 29 - email: m.roegies@mapei.be