

**Briefing note****Full surface bonding with MEISTER Longlife parquet flooring, Lindura wood flooring and Nadura**

MEISTER Longlife parquet flooring, Lindura wood flooring and Nadura can also be installed with full surface bonding using an approved adhesive as an alternative to floating installation.

Please note that all installation instructions for Masterclac Plus connections, Quadroclac Plus connections and Uniclic connections must be followed carefully at all times as well as the general recommendations / Technical Commission on Construction Adhesives (TKB) technical briefing notes and preparatory measures explained in the installation instructions when installing flooring with full surface bonding.

MeisterWerke recommends a water-free, shear-resistant adhesive released by the adhesive manufacturer ("Hard" according to ISO 17178). If you require more information please contact the MeisterWerke or adhesive manufacturer's technical customer service.

**Information on adhesives:**

The recommendations for adhesives are based on extensive tests conducted by the manufacturers. Due to the variability of on-site conditions, it is not possible to establish warranty claims based on the information provided. We cannot assume liability for any losses incurred in using the adhesive system. For that reason, we recommend that you test the adhesive yourself thoroughly before installing flooring or contact the adhesive manufacturer's technical customer service.

**Installation method:**

With the floors mentioned lay each plank individually in the fresh adhesive bed. Then press them down well so that the backs of the planks are moistened as thoroughly as possible. To avoid hollow spots, extra weight can also be applied to the planks using a suitable material. Please note all of the adhesive manufacturer's instructions such as those on hardening and working time.

According to DIN 18 365 and 18356, the subsurface for flooring or parquet must always be smooth, dry, clean, free of cracks and release agents, and able to withstand lifting and pressing force.

CM moisture content with screed: Cement screed: 2.0 CM-% (with underfloor heating: 1.8 CM-%)

Anhydrite screed: 0.5 CM-%

(with underfloor heating: 0.3 CM-%)

(The moisture content limits also apply to fast-hardening cement and screed with screed additives – TKB technical briefing note 14.)

The contractor responsible for laying the flooring/parquet must ensure that subsurface material is inspected for technical suitability. This inspection must be in accordance with the recognised rules of the trade and current technology, and in compliance with the German Construction Contract Procedures (Vergabe- und Vertragsordnung für Bauleistungen – VOB). If the subsurface reveals deficiencies or there is a risk of damage occurring to the construction of the flooring, the contractor must report these concerns in writing, particularly in the following cases:


- | Serious unevenness
- | Cracks in the subsurface
- | Insufficiently dry subsurface
- | Insufficiently firm surface
- | Contaminated subsurfaces, e.g. oil, wax, lacquer, paint residues
- | Subsurface not being level with adjoining structures
- | Unsuitable subsurface temperature
- | Unsuitable room climate
- | No documentation on heating characteristics for heated flooring constructions
- | Required secure locking of expansion joints in the subsurface
- | No edging strip projection
- | No marking of measurement points for heated flooring constructions
- | No joint layout (if necessary)

**fidbox®**

Humidity and fluctuations in temperature can influence how long a floor lasts and retains its value. We therefore recommend using a fidbox® (a measuring device from floorprotector), which can take long-term data recordings for temperature (°C) and relative humidity (%) in the immediate vicinity of the floor, which can be read using a reading device. If there should be a claim for damage, this can be clarified quickly using the results thus preventing any protracted research into the causes. You can obtain more information from MeisterWerke.

## Installation recommendation

### Full surface bonding with MEISTER Longlife parquet flooring, Lindura wood flooring and Nadura

Subsurface	Cleaning	Primer Pretreatment	Adhesive
Floating cement screed on vapour barrier < 2.0 CM % < 1.8 CM % with UFHT*	Sanding / brushing the surface, then vacuum cleaning	<b>PCI VG 5</b> ~150 g/m <sup>2</sup> nylon plush roller	 <b>PCI PAR 360 / PCI PAR 365</b> B11, ~ 1000 - 1200 g/m <sup>2</sup>
Anhydrite screed on vapour barrier < 0.5 CM % < 0.3 CM % with UFHT*	Sanding / brushing the surface, then vacuum cleaning	<b>PCI VG 5</b> ~150 g/m <sup>2</sup> nylon plush roller	
New mastic asphalt screed Well sanded!	—	—	
Stone, ceramic, terrazzo floors on vapour barrier < 2.0 CM %	Stripping the surface / mechanical treatment	<b>PCI VG 5</b> ~150 g/m <sup>2</sup> nylon plush roller	
Prefabricated screed system Dry screed < 2.0 CM %	Cleaning the surface, then vacuum cleaning	<b>PCI VG 5</b> ~150 g/m <sup>2</sup> nylon plush roller	
Wooden planks Chipboard or OSB boards with tongue/groove	Cleaning the surface, then vacuum cleaning	<b>PCI VG 5</b> ~150 g/m <sup>2</sup> nylon plush roller	

\* underfloor heating

Contamination on the flooring surface due to adhesives must be removed **immediately** using the cleaning cloths for **PU adhesives!**



The products' technical briefing notes and current applicable standards and regulations must be followed carefully. The floor must be installed in accordance with the manufacturer's specifications and adapted for the application. If constructions other than those shown here are to be used, they are only possible after they have been approved by an application engineer from **PCI**.

Technical advice:

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The requirements in accordance with VOB Section C DIN 18356 parquet and DIN 18365 flooring installation work, and current technology apply.

**The moisture content limits also apply to fast-hardening cement and screed with screed additives – TKB technical briefing note 14.**