

## Briefing note Full surface bonding of design flooring MeisterDesign. pro

The MeisterDesign. pro is a high-quality design flooring for full-surface bonding. Workmanship skills and product-specific knowledge is required for installation.

### General information:

Substrate preparation must be carried out in accordance with VOB DIN 18365. The relevant information sheets such as TKB-Technical Briefing Note 8 "Evaluation and preparation of subfloors for flooring and parquet work" (Beurteilen und Vorbereiten von Untergründen für Bodenbelag- und Parkettarbeiten) must be heeded.

With regard to the required level of subsurface evenness, we recommend consulting technical information sheet no.02 from the Central Association for Parquet Flooring and Flooring Technology (Zentralverband Parkett und Fussbodentechnik) and the Federal association of screed and floor covering (Bundesverband Estrich und Belag).

MeisterWerke recommends a low-emission and solvent-free adhesive (RAL - Blue Angel or EC1), used with a system-oriented substrate preparation. These could include the following, for example: Bostik STIX A 550 POWER ELASTIC, Mapei Ultrabond Eco V4 SP, UZIN KE 2000 S, WAKOL D 3320 or WULFF ES 14. For further adhesive recommendations, please see page two of this document.

In order to achieve optimal wetting of the back and secure adherence, it is vital that you follow the instructions provided by the adhesive manufacturer regarding processing requirements, notched adhesive comb, application amounts and working times.

Special approval from the adhesive manufacturer is required when using contact adhesive or reaction resin adhesive.

After laying the covering in the adhesive bed, every plank must be pressed down with a scraping cork/handle scraper, and rolled with a heavy roller (min. 50 kg).

**If you need further information, please contact the corresponding adhesive manufacturer.**

### 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.

According to DIN 18365 and 18356, the subsurface for flooring 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)

## Bonding recommendation Full surface bonding of design flooring MeisterDesign. pro

Manufacturer	Adhesive
 <b>Bostik</b> smart adhesives	STIX A 550 POWER ELASTIC   STIX A 540 MULTI PLUS
<b>eurocol</b>	643 Eurostar Fibre   640 Eurostar Unicol
 <b>MAPEI</b>	Ultrabond Eco V4 SP   Ultrabond Eco V4 SP Fiber Ultrabond Eco VS 90 Plus
 <b>MUREXIN</b> www.murexin.com	DESIGN COVERING ADHESIVE D 495
 <b>Sika</b> BUILDING TRUST	SikaBond-130 Design Floor
 <b>SCHÖNOX</b>	Durocoll
 <b>UZU</b> UZU. UND DER BODEN GEHÖRT ZU.	KE 2000 S
 <b>WAKOL</b> Anspruch verbindet	WAKOL D 3320
<b>Bona</b>	Bona D750   Bona Titan
 <b>WULFF</b> Freunde des Handwerks. Seit 1890.	Wulff ES 14   Wulff Uni-Tack
 <b>STAUF</b> seit 1828	Stauf D50   Stauf D20
 <b>ARDEX</b> AUS GUTEM GRUND	Ardex AF 155
<b>Thomsit</b>	K 188 E

Before laying the flooring, you must check whether the adhesive is suitable for the intended area of use and the type of load. If you have any questions or want alternative solutions relating to adhesives, please contact the application technology department of the relevant adhesive manufacturer.

