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2-K-PUR LEVELLING COMPOUND

DESCRIPTION

Two-component, solvent-free, self-levelling, elasticised, highly durable special PU - filling and repairing compound to use for renovated and new floorings. This floor filling compound is suitable for use under forklift trucks, indoor and outdoor use.

Application in combination with Eurocol 305 concrete design.

PRODUCT ADVANTAGES

- excellent dispersion
- flexible
- extremely durable (forklift trucks)
- highly resilient
- excellent bonding on degreased surfaces, e.g. terrazzo, degreased metals
- no crack formation
- indoor and outdoor use (permanently dry areas)

APPLICATION



Construction of standard sub-floors for:

- flooring installation,
- coating with **Eurocol 305 BetonDesign** coating.

Thick coating/filling on a huge number of sub-floors like:

- Mastic asphalt; also to use as closure for screed joints in mastic asphalt,
- deformable sub-floors (elastic mats, wooden floorboards),
- degreased metal surfaces,
- fixed (also knobbed) old elastomer floorings (renovation).

Suitable

- for filling of cable ducts,
- for filling works, also in bathroom areas (permanently dry sub-floors),
- for permanently elastic sub-floors (sports halls),
- for filling works on fixed wooden floorboards,
- for filling works on fixed drywall elements,
- for filling works on adhered rubber / cork sub-floor with extremely high strain

TECHNICAL DATA

Base	910 Eurolan PU Duo polyurethane	hardener PU isocyanate
Colour	grey	brown
Density	approx. 1,45 g/cm ³ (mixture)	
Consistency	fluid	
Cleaner (in fresh condition)	815 Euro Handclean, universal solvent	

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Europal PU Duo

Processing conditions	at minimum 15 - 25 °C floor temperature, at minimum 18°C temperature of material and room, 35-65% humidity	
Mixing ratio	910 Europal PU Duo hardener PU	100 weight parts 18 weight parts
Pot life	approx. 40 min	
Application	blade, trowel, spiked roller, de-aerating roller	
Consumption	approx.. 1300 g/m ² /mm	
Curing time	approx. 6 – 8 hours	
Final hardness	after approx. 2 days	
Best processability	within 12 months, in the original packaging, to be closed tightly after opening and consumed as soon as possible!	
Storage conditions	tightly closed at normal temperature (5 - 30 °C) at a cold and dry place	
Moisture- sensitive	hardener PU	yes, thickened hardener can no longer be used
Frost-sensitive	no	
Labelling according to GHS	resin: not necessary hardener PU: Please pay attention to the information in the safety data sheet and on the label!	
Environment protection/industrial safety	GISCODE: RU 1 DGNB: VOC 0 %, quality classification: 4 LEED: VOC 0 g/l hardener PU: EUH204 contains isocyanate. May cause allergic reactions.	

SUB-FLOOR

- The sub-floor has to meet the requirements of national standards, guidelines and fact sheets.
- In case of deficiencies any concerns should be expressed in writing.
- The sub-floor has to be prepared according to standards before filling work.
- No primer is needed and the 2-C filling compound can be applied directly in case of permanently dry, solid, dusted cement screed, cleaned or new mastic asphalt screed, cleaned and grinded stone tiles, degreased metal surfaces, wax-free wood planks.
- In case of highly absorbent or humid sub-floors or extremely high strain of the overall construction, a Eurocol reactive primer with subsequent sanding has to be used. Make sure, that there's a surplus on sand during priming, otherwise an even application of this filling compound is not possible. The remaining sand has to be removed after the hardening of the primer.

PROCESSING

- 910 Europal PU Duo has to be mixed intensively with the hardener to a homogenous mixture (homogenous shade). Please pay attention that the edges and the bottom are well stirred up! Afterwards the mixture has to be filled in a second clean container and mixed thoroughly again.
- Use a spatula or trowel for application. The surface gets smoother and more levelled if blade and Eurocol spiked de-aerating roller (71651) are used for application.
- Application of a second coating only after hardening of the first coating possible. Sanding is necessary after curing of the first non-adhesive coating to avoid bonding problems.
- For filling of deep ducts and slots use 910 Europal PU mixed with dry quartz sand Eurocol Sand 846 or 847. Mixing ratio can be adapted up to consistency needed for filling work. The self-levelling of the filling compound is highly limited under these conditions.
- The filled surface has to be sanded with grid grain 100 and vacuumed before the installation of the flooring.

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Europlan PU Duo

Afterwards when flooring is installed, pay attention that the sub-floor is not absorbent and bonding was made with, e.g. Eurocol 622 Eurostar Tack, which has been completely flashed off. Alternatively reactive adhesives can be used, depending on flooring.

ADVICES

- Tools have to be cleaned with a universal cleaner before hardening. We also recommend to wear protective gloves as the reaction components may deeply penetrate skin and are difficult to remove.
- Technical information and safety data sheets of other installation products, 305 Beton Design and other floorings/parquet, which were used together with 910 Europlan PU, have to be considered!
- Don't mix with other products, except the recommended ones!
- Relevant standards and rules have to be considered. Respective national regulations have to be applied outside Germany

SHIPPING UNIT

9,72 kg and 4,86 kg combi unit size net (48 and 60/pallet)

ATTENTION

These technical details have been developed for your advice due to our experiments and experiences in laboratory and practice. Any liability concerning the installation result in every particular case is rejected because of the huge variety of possible product uses and different storage and processing conditions of our products. Relevant standards and rules have to be considered. Respective national regulations have to be applied outside Germany. If product use is not similar to our technical description, the approval of Forbo Erfut GmbH is necessary. Otherwise any liability is rejected. Therefore, we recommend sufficient tests. Furthermore, we refer to our general terms and conditions.

Keep away from children. Ensure sufficient ventilation during and after processing/drying. Please avoid eating, drinking or smoking during processing. In case of contact with eyes or skin rinse immediately with plenty of water. Do not allow to enter sewerage, waters or soil. Tools should be cleaned immediately after use with water and soap. Only recycle completely empty containers. Dried product residues can be recycled as household waste.

The values given above are laboratory values under standard conditions. Therefore, this values are only standard values (there are numerous possible product applications!). Former technical data sheets are not valid any longer after publication of this technical data sheet.

Last update: 2016-02-10
Supersedes issue from 2013-07-22

Version Nr.:07
910-46006-02-
Revision Form TI: V07

FOR YOUR NOTES
