

Europlan Flex 965

Properties:

- for projects with extreme high traffic
- fibre-reinforced
- curing with low tension and crack-free
- max. layer thickness: 15 mm in one working operation
- suitable for use of castor-chairs
- high pressure strength and final strength
- suitable for use over under-floor heating systems
- dries hard and very fast
- self running
- very low emissions, EMICODE EC 1R
- Casein free

Levelling compound for:

- self-levelling fibre-reinforced compound for mineral sub-floors
- leveling works on wooden floors (max. layer thickness: 15 mm) to be overlaid with floor coverings or parquet acc. to DIN 18365 German standard
- levelling of screwed floor plates/sheets
- min. layer thickness: 3 mm
- for the levelling of asphalt up to 5mm layer thickness where floor coverings and parquet are to be made to DIN 18365/18356

Technical data:

Base:	cement and additives with a very high percentage of plastic bonding agents
Colour:	grey
Consumption:	approx. 1,6 kg/m ² per mm layer thickness approx. 5,0 kg/m ² for 3 mm layer thickness
Water:	25 kg of 965 in 6 l of water
Processing temperature:	approx. 5-25 °C (room and sub-floor temp.), air humidity: 35 - 75%, recommended 40-65%
Processing time:	approx. 30 min. It is recommended to allow the mixture to rest a while. Afterwards stir again using an electric paddle before proceeding.
Best shelf-life:	approx. 6 months in original packaging
Storage condition:	cool and dry, opened sacks need to be closed tightly and to be consumed as soon as possible
Frost sensitivity:	no
Code acc. to GefStoffV.*:	Xi,
GISCODE	ZP 1
EMICODE	EC1R
Safety data sheet:	available upon request

Above mentioned data was made in laboratory. Due to a huge variety of different applications, these data should be considered as standard values only.

* German Hazardous Material Regulations

Sub-floor:

- Forbo 965 Europlan Flex can be applied on all kinds of wooden floors assuming to be load-bearing, clean, free of pollution and fat and to meet the requirements acc. to din 18356/18365 German standard. All local requirements to be met in Foreign lands. The moisture content of the wood must be adjusted to the room climate.
- Wooden floor-boards should be firmly fixed and not be able to move against each other. Please ensure sufficient air circulation under the wooden floor-boards.

- Loose, creaking or swinging plates and/or floor-boards need to be screwed again. Joints require to be closed by using Forbo Acrylate Sealant, do not use silicone. In case of joints up to 2 mm thickness prime with Forbo 070 Europrimer Fill; closing the joints is possible at the same time.
- Uneven wooden floors need to be ground and free of swarf in advance. Afterwards apply Forbo 044 Europrimer Multi (undiluted), drying time: approx. 4 - 6 h.
- if required reinforce the subfloor with 813 Eurofloor Reinforcing Fabric
- Walls and vertical areas are to be prepared by using Forbo 802 Sound Isolating Tape/8021 Sound Isolation Profi in order to guarantee air circulation and sound absorption.
- In case of layer thickness > 5 mm, the wooden floor needs to be primed with a moisture-resistant primer (e.g. Forbo 042 Euroblock PU) as otherwise the water from the levelling compound will damage this moisture-sensitive type of sub-floor.
- Also suitable for mineral screeds. In many case (also after repair works), the sub-floor must be primed before further proceeding. Pay attention to our technical data sheets.

Instruction for use:

- Pour 25 kg of Forbo 965 Europlan Flex into 6 l of water using an electric mixer to a smooth, lump-free mixture.
- Please do not use more than 6 l of water as otherwise it may cause sedimentation and an instable floor.
- After a waiting time of 2 - 3 min., stir well again and spread it on the floor within 30 min. with a trowel in one operation up to the desired layer thickness. Layer thickness: 3 - 15 mm.
- We recommend to use a spike roller (article 71651) to achieve a smooth and even surface which normally does not need to be ground.
- Layer thickness more than 15 mm requires a second layer: Allow the first layer to fully dry, apply one layer of primer (e.g. Forbo 050 Europrimer Mix) and apply the second layer after the drying time of approx. 30 minutes.
- During setting avoid draught and intensive sun as otherwise the levelling compound will dry too fast which may cause cracks or a powdered surface.
- The levelling compound layer is ready for foot traffic after 2 - 3 h at a temperature of 18 – 20 °C. Higher temperatures accelerate the drying process, lower temperatures delay it. Depending on the working condition, the layer thickness of the levelling compound and the type of floor covering, the floor covering can be installed after approx. 24 h (3 mm layer thickness at normal climate, each further 3 mm require another 24 h of drying time) or at a residual moisture content of max. 3 CM%.
- Forbo 965 Europlan Flex is possible to be used on sub-floor heating systems. Please switch off the heating system 24 h before the levelling work starts. Assure max. 18 °C floor temperature. No sooner than 24 h after having finished the levelling work, the heating system is possible to be switched on gradually.

Note:

This product contains hazardous materials (but no special transport for hazardous material required!), please pay attention to the safety data sheet.

Do not mix with other products than the ones stated in this technical information sheet. We recommend installing the floor covering within the next days after having applied levelling compound.

Pay attention to relevant norms and regulations of the branch. Outside Germany national regulations are to be applied which should be known to the user.

Please pay attention to the technical data sheets of the auxiliary material.

Packaging:

Paper sacks à 25 kg net, 42 sacks/pallet

Special note:

This product information has been based on experiences derived from laboratory and practical work. The great versatility of materials, many different processing and storage methods and local conditions beyond our control make it impossible to give guarantees for processing results. Therefore, customers are recommended to find the optimum for their particular application case by suitable self-made tests. Relevant norms and regulations of the branch are to be respected. Outside Germany relevant national regulations are to be applied which have to be known by the user. The General Terms and Conditions of our company shall apply.

This Technical Information supersedes all other product information sheets and product information published before.

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