
Europlan Quick 940

Properties:

- consistency can be adjusted (by adding water) – layer thickness up to 50mm
- fine grain size
- quick hardening with low tension
- after setting water-proof regarding dispersion adhesives (until their setting)
- suitable for use of castor-chairs, min. layer thickness: 2 mm
- suitable for under-floor heating systems
- possible to use as repairing compound or levelling compound up to 50 mm thickness
- possible to be mixed with Forbo 846 Quartz Sand up to 30%
- very low emissions, EMICODE EC1 German standard
- Casein free

Filling compound for:

- patch filling holes and holes of walls and floors
- levelling wooden floor-boards in connection with Forbo 810 Reinforcing Fabric
- levelling stairs and pedestals
- interior use

Technical data:

Base:	cement and additives mixed with plasticizers
Colour:	grey
Consistency:	powder
Water:	5,5 - 6 l of water in 25 kg of 940 Europlan Quick depending on application
Processing time:	Approx. 15 min.
Method of application:	trowel
Ready for foot traffic:	After approx. 45 min.
Best shelf-life:	approx. 6 months in original packaging
Storage condition:	cool, dry, opened sacks are to be closed tightly and to be used as soon as possible
Frost sensitivity:	no
GISCODE:	GISCODE ZP 1, EMICODE EC1

Safety data sheet: available upon request

All stated values derived from the laboratory. Due to the great variety of possible applications are to be taken as rated values.

Sub-floor:

The sub-floor must meet the requirements acc. to VOB/DIN 18365 German standard. It must have a good compression and tensile strength. Also it must be permanently dry, crack and dust free and free from any contaminants which will affect bonding. Furthermore the sub-floor has to be even acc. to DIN 18202 German standards. In other lands local standards apply.

Defective sub-floors shall be treated by taking appropriate measures e.g. grinding, vacuum-cleaning and priming. In the event of any discrepancy, the installer must always inform the client of his concerns in writing.

Control joints and cracks are to be filled with Forbo 816 Epoxy Potting Compound or Forbo 911 Europlan Polyester.

Smooth and non-absorbent sub-floors, polluted and non-sanded asphalt, bituminous sub-floors, and calcium sulfate-based screeds: Please use primer Forbo 044 Europrimer Multi (to be diluted with water 1:1).

Absorbent cement-based screeds: Use 050 Europrimer Mix (to be diluted with water 1:5) or Forbo 044 Europrimer Multi (to be diluted with water 1:2).

Cured Forbo 940 Europlan Quick Filling Compound or cement-based self-levelling compounds: Please use Forbo 044 Europrimer Multi (to be diluted 1:5) or 050 Europrimer Mix (to be diluted 1:7).

Magnesit-based screeds and plastic-coated floors: Please use a water-free special primer (e.g. Forbo 045 Europrimer PU or Forbo 021 Euroblock Reno). We recommend to ask our Forbo Export Department for further instructions.

In case of installing the floor covering on under-floor heating systems, check existing measuring points regarding their moisture content acc. to DIN 4725/4 German standard. Under-floor heating systems must be switched off or guarantee a sub-floor temperature of max. 18 °C.

Instruction for use:

Forbo 940 Europlan Quick is to be stirred into cold, clean water. Mixing ratio depends on the application:

mortar of thick consistency:	approx. 5,5 l water - 25 kg Forbo 940 Europlan Quick
levelling mortar:	approx. 6,0 l water - 25 kg Forbo 940 Europlan Quick

The mixture is to be applied onto the sub-floor and to be levelled with a trowel. Min. layer thickness for use of castor-chairs: 2 mm. Stairs and patch filled holes are to be levelled with a moist sponge afterwards.

Under normal circumstances, the area is ready for foot traffic after approx. 45 min. After this time, possibly used templates can be removed, too. Floor covering can be installed after approx. 24 h. Further levelling by using self-levelling compound should be made after complete drying of Forbo 940 Europlan Quick only or on the following day, depending on the applied layer thickness and climate, afterwards the fully dried compound is to be primed (e.g. 050 Europrimer Mix 1:7 with water)

In case of using Forbo 940 Europlan Quick prior to Forbo 920 Europlan Alphy Levelling Compound, 940 needs to be completely dry. Afterwards please use Forbo 044 Europrimer Multi to be diluted 1:2 with water and allow the primer to dry for approx. 24 h.

In case of a layer thickness of more than 5 mm, it is possible to extend Forbo 940 Europlan Quick with sieved gravel (max. grain size 7 mm) or sand (max. grain size 3 mm). Preparing the mixture of Forbo 940 Europlan Quick, the sieved gravel should be the last component to add to the mixture. Do not add more than 30% of sieved gravel or sand (related to the percentage of Forbo 940 Europlan Quick powder).

While curing, avoid draught and intensive sun. Lower processing temperature than 5 °C delays hardening.

Note:

This product contains hazardous material (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.

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.

Please pay attention to the technical data sheet of auxiliary material!

Packaging: Paper sacks à 25 kg net, 42 sacks per pallet

Special note: The information contained in 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 application data sheets and product information published before.

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