

EUROPLAN DIRECT RAPID 991

Properties:

- for projects with extreme high traffic
- dust reduced when mixing
- floor-covering can be installed after 1.5 – 3 hours
- very low emissions, EMICODE EC 1R
- possible to use without primer
- levelling compound layer thickness up to 20 mm
- to be applied with a notched trowel
- good self-levelling
- curing with low tension
- high pressure strength and final finish
- for use with roll castor chairs

Levelling compound for:

- levelling mineral sub-floors, stone floors, terrazzo, ceramic tiles
- levelling sub-floors with firmly adhering, waterproof adhesive residues
- for thin levelling on poured asphalt to DIN 18354 up to 5mm
- for use under parquet

Technical data:

Base:	a mixture of cement and additives with an extremely high percentage of plastic bonding agents
Colour:	grey
Consumption	approx. 1,5 kg/m ² per mm layer thickness
Quantity of mixing water:	23 kg of 991 Forbo Europlan Direct Rapid in 5 - 5,5 l of water
Processing temperature:	5-25°C (room and sub-floor temperature)
Room moisture:	35-75%, recommended 40-65%
Processing time:	approx. 15 min.* a maturing time of 2 – 3 min. is recommended
Permitted shelf-life:	6 months
Storage conditions:	cool and dry
Frost sensitivity:	no
Code acc. to GefStoffV.:	Xi, irritating
	low chromate content acc. to TRGS 613
GISCODE	ZP 1
EMICODE	EC 1R
Safety data sheet:	

available upon request

* Above mentioned data was made in laboratory, due to a big variety of object-bound application cases, these data should be considered only as a norm.

Sub-floor:

The sub-floor must meet the requirements according to VOB/DIN 18365 and 18202, e.g. it must have a good compression and tensile strength, permanently dry, crack and dust free, flat, even and rigid. Defective sub-floors shall be treated by taking appropriate measures e.g. grinding, milling, vacuum cleaning, maybe priming. If not done, then objections may be raised in writing.

Cracks and artificial joint must be filled with 816 Forbo Epoxy Potting Compound. Holes and big uneven parts of the sub-floor must be filled with 940 Forbo Filling Compound. In most cases priming is not necessary. On moisture-sensitive sub-floors (e.g. calcium-sulfate based screed/anhydrite screed), stone wood, wooden floors and absorbent sub-floors priming with 044 Forbo Universal Primer (either pure or diluted 1:1 with water) is necessary - please ask our export department for further information. Ceramic floors can be primed with 070 Europrimer Fill.

Direction for use:	<ul style="list-style-type: none">• Mix 23 kg of 991 Forbo Europlan Direct Rapid with 5 - 5,5 l clean, cold water using an electric Mixer, to a smooth, lump-free mixture.• After a maturing time of 2 – 3 min. the mixture has to be stirred again and to be applied within 15 min. in one operation up to the desired layer thickness. Do Not go over the 20mm limit.• Please use a notched trowel and a spike roller (article nr 71651) to get an even floor which usually does not have to be ground.• Castor-wheel chair resistance: levelling compound layer thickness should be min. 2 mm. Under parquet minimum of 3mm.• During the curing time ensure sufficient air ventilation without draught and direct sunshine as this might extract moisture in a too fast way; the levelling compound “burns” which may cause cracks.• Depending on the processing temperature, levelling compound layer thickness and type of the floor- covering, the floor-covering can be laid after approx. 1.5 – 3 hours or if the residual moisture of 3 CM% is not exceeded.• Parquet and cork should be installed after 24 hours only!
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Note:	<p>Please pay attention to the technical data sheet of auxiliary material!</p> <p>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.</p> <p>Attention: Xi irritating. Contains Portland Cement. Danger of serious eye damage. Irritating to the skin. Keep away from children. Avoid contact with the eyes and the skin. In case of contact with the eyes, rinse immediately and thoroughly with water and consult a doctor, present the packaging or label. Wear appropriate protective gloves and goggles/safety mask. In case of swallowing consult a doctor and present the packaging and label.</p>
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Packaging:	23 kg packaging net, 42 sacks/pallet
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Special note:	<p>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. The General Terms and Conditions of our company shall apply.</p> <p>This Technical Information supersedes all other application data sheets and product information published before!</p>
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