

Levelling Compound TE/S 975

Nivelliermasse TE/S 975

Properties:

- self-smoothing
- setting with low tension
- after setting resistant against the effect of water containing adhesives
- castor wheel resistant
- can be used above under-floor heating
- suitable for using notched trowel
- pumpable
- good final strength
- classified acc. to EMI CODE EC 1 (very low emission)

Levelling compound for:

- self-levelling compound, can be used until 10 mm in one working operation
- for mineral sub-floors (e.g. cement-, magnesia-, anhydrite screed)
- mastic-asphalt floors for indoor use acc. to DIN 18354/18560 German standard, max. thickness: 2 mm
- for subsequent floor-covering
- for interior use

Technical data:

Base:	cement and additives with plastic bonding agents
Colour:	grey
Consistency:	powder
Quantity of water:	6 l of water for 25 kg of 975 Levelling Compound TE/S
Consumption:	approx. 1,5 kg/m ² for 1 mm layer thickness
Working time:	20 - 30 minutes; a short waiting time between mixing and application is recommended
Working condition:	not below 5 °C, rel. air humidity <75%, <65% recommended
Method of application::	notched trowel, pump
Permitted shelf-life:	approx. 6 months in original packaging
Storage condition:	cool and dry, opened bags always to be closed tightly and to used as soon as possible!
Sensitive to frost:	no
Code acc. to GefStoffV. (regulation for dangerous substances):	Xi; GISCODE ZP 1 (low level of chromate acc. to TRGS 613)
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 acc. to VOB/DIN 18365 German standard and 18202. The sub-floor must be permanently dry, solid, crack- and dust-free. Defective sub-floors have to be well-prepared through e.g. grinding, milling, vacuuming, priming. If not done, then objections have to be raised in writing. Testing duties acc. to VOB need to be followed. Sintering layers of the screed or cement adhesive layers are to be removed by grinding.

Joints and cracks are to be filled with 816 Epoxy Potting Compound. Holes in the sub-floor are to be filled with 906 Quick Repair Filler. Uneven parts are to be filled with 940 Europlan Quick Filling Compound. Smooth and non-absorbing sub-floors, dirty or not sanded asphalt and bituminous sub-floors and calcium sulfate-based screeds are to be treated with 1 thin layer of 044 Universal Primer (dilution 1:1).

Absorbent cement-based screeds, set 940 Europlan Quick Filling Compound or other cement-based self-levelling compounds are to be primed with 050 Dispersion Primer (dilution: 1:4-5) or with 044 Universal Primer (dilution 1 : 3 - 4).

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.

Direction for use:

- Stir 25 kg of 975 Levelling Compound TE/S into 6 l of clean, cold water, blend it to a smooth, lump-free mixture using an electrical drill.
- Apply the mixture within 20 – 30 minutes after a waiting time of 2 – 3 minutes. Pour it out and spread it evenly.
- Maximum layer thickness: 10 mm
- During curing process avoid incoming air and intensive solar radiation as it may lead to a too quick reduction of the moisture content – the levelling compound may “burn”, the surface edges may get powder-like.
- Under normal condition (18-20°C) the compound may be walked on after 3 – 4 hours. Lower temperature delay the drying process and the hydraulic setting. Depending on working conditions, layer thickness of the levelling compound and floor-covering type, the floor-covering can be installed approx. 1 day later or at a residual moisture of max. 3 CM%. At normal climate 3 mm layer thickness needs approx. 24 h, each further 3 mm need 1 additional day for drying.
- 975 Levelling Compound TE/S can be used above under-floor heating. Switch off the heating system 24 h before applying levelling compound. Max. 18 °C floor temperature have to be guaranteed. Not earlier than 24 h after having finished levelling compound work, gradually switching off the heating system is allowed (5 °C per day).
- In case of using mixing aggregates, adjust appropriate amount of water, e.g. 410 - 415 l for aggregate type PFT Monojet 3.35.
- Avoid too much water as it causes sedimentation and instable sintering layers.
- In case that a layer thickness of more than 10 mm is required, allow the first layer of levelling compound to fully dry. Afterwards apply 1 layer of primer (e.g. 050 Dispersion Primer, dilution: 1:4-5) before applying the 2nd layer of levelling compound. Alternatively use 960 Europlan Super for producing a higher layer thickness in one single operation.

Note:

Do not mix 975 Levelling Compound TE/S with other products apart from the ones which are meant to be mixed with 975 Levelling Compound TE/S. Not for exterior use or use in moist areas. Already opened sacks are to be used immediately.

Contains cement. Irritating to eyes and skin.

Keep away from children. Avoid contact with the eyes and skin. If contact with the eyes occur, rinse thoroughly with water and seek medical assistance. Wear suitable protective gloves.

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.

PRODUCT INFORMATION



Packaging: 25 kg net weight paper sacks/42 sacks per palette

Special note: The information contained in this Product Info 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.

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

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