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SELF-LEVELLING COMPOUND

PRODUCT DESCRIPTION

Cement-based, self-levelling compound, curing with low tension and with good final strength for middle foot traffic use. For leveling mineralic-based subfloors (screed), on mastic asphalt, ceramic tiles, bolted wood-based panels (V100 P4 - P7, OSB 2 - 4) and bolted precast concrete screeds. Applicable 1 up to 10 mm in on operation. To prepare subfloor for further installation works. Applicable with spike roller and notched trowel or with suitable pump equipment. For indoor use only. Very low VOC emission.

EMIDOCE EC 1 R Plus, GISCODE ZP 1. CE marking according to DIN EN 13813: CT- C30-F6.



PRODUCT FEATURES

From 1 to 10 mm layer thickness, on cast asphalt up to 3mm. Easy applicable and good self-levelling

Castor wheel resistance according to DIN EN 12529 from 2 mm layer thickness. Can be used over underfloor heating.

TECHNICAL DATA

Base	special cements, mineral aggregates, polyvinyl, acetate, condenser and additives.
Colour	grey
Consistency	powder
Cleaning agent	water
Processing conditions	not below 15 °C on the subfloor, minimum 18 °C material- and room temperature 35-75% relative air moisture, recommended 40-65%
Mixing ratio	6.0 l water with 25 kg of powder
Mode of application	squeegee, trowel, wide spatula, suitable pump equipment
Consumption	approx. 1,5 kg /m ² /mm
Processing time	20 - 30 minutes; we recommend a waiting time of 2-3 minutes
Ready for foot traffic	approx. 2 – 4 hrs.
Drying time	approx. 24 hrs with 3 mm layer thickness, for each additional 2 mm should another day of drying time be added
Permitted shelf-life	within approx. 6 months, opened packaging to be tightly closed and to be consumed as soon as possible
Storage condition	packaging to be tightly closed at a dry place, temperature: 5 - 30 °C,

Frost sensitivity	no
Moisture sensitive	yes
Code acc. to GHS	Product contains labeling ingredients, please pay attention to the safety data sheet.
Environment/Work safety	Safety gloves should be worn! GISCODE: ZP1 EMICODE EC1 R Plus DGNB: VOC 0 %, quality level: 4 LEED: VOC 0,0 g/l

SUBFLOOR

The subfloor must meet the requirements according to national standards, e.g. it must have a good compression and tensile strength, permanently dry, crack and dust free, flat, even and rigid.

In case of defects, it has to be informed in written form.

The subfloor has to be prepared in accordance to standard subfloor requirements before application of the leveling compound. On absorbent subfloors it is recommended for primer to be applied in order to achieve a consistent overall bonding. In extreme cases of absorbent subfloors a second coat of primer is to be applied after the drying of the first coat.

INSTRUCTIONS FOR USE

Pour 25 kg of the powder in 6.0 l of clean and cold water and subsequently mix it with an electric agitator to make the mixture lump free.

After 2 to 3 minutes, apply the finished mixture within approx. 30 min and distribute it, if possible, in one operation up to the desired layer thickness with a maximum of 10 mm

Use a squeegee and the Eurocol spike roller for a smooth and level ground that won't need of grinding.

During the setting of the mixture, exposure to drafts and intense sunlight should be avoided.

This can lead to a too fast removal of moisture, whereby the leveling compound is more susceptible to cracking, shrinkage and the surface edges can be pulverized.

The heater should be set at a surface temperature of 18-22 ° C on an area of application with underfloor heating, 3 days prior during and up to 7 days after application.

When applying multiple layers of leveling compound it is necessary to use primer in between layer.

NOTE

Relevant norms and regulations are to be respected.

Please pay attention to the technical and safety data sheets.

Floor covering needs to be applied in the following days of application of levelling compound.

Not suitable in combination with parquet flooring.

Not applicable to be applied in combination with wooden flooring, prefabricated screeds and floorboards.

PACKAGING

25 kg package (42/pallet)

SPECIAL NOTE

Any application method/ conditions other than specified in this Technical data sheet require explicit manufacturer's approval. In case of deviance in application method/ conditions liability by manufacturer cannot be guaranteed.

This technical data sheet contains advice on handling and application of the product, based on experience and tests run by the manufacturer in laboratory and practical work.

The information supplied by the manufacturer are non-binding and cannot be used as a basis for establishing the manufacturers liability for any damages caused. The values stated in this technical data sheet were measured under standard laboratory conditions. As application conditions outside the laboratory vary strongly this technical data sheet must be considered a guide only. Therefore the manufacturer does not take liability for damages caused by the customer's utilization of the technical data sheet content.

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Europlan TE/S

As the usage, processing- and storage conditions on site are beyond the manufacturers influence, a warranty for the processing result cannot be given. This also includes the infringement of any rights for the protection of third parties. Sufficient testing areas are to be provided before final application. Relevant national norms and regulations of the industry are to be observed. Outside Germany valid, relevant national norms and regulations, have to be taken into account and to follow by the customer. It is the responsibility of the customer to check product suitability for the intended procedure and purposes prior to use. This Technical Information supersedes all previously issued application data sheets and product information are no longer valid!

Technical information and Material Safety Data Sheets of concomitantly used installation materials must be followed carefully.

The products delivered by the manufacturer are for professional use only. Keep away from children.
The manufacturer's terms and conditions are binding

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