

FLOOR SL 10
SELF LEVELLING FLOOR COMPOUND 1-10 MM



DESCRIPTION

- Cement based self levelling floor compound that can be applied between 1-10 mm in order to obtain a smooth surface.

INTENDED USES

- Interior floors,
- Used as a self levelling compound on screed, concrete, etc. in order to level the floor before PVC-linoleum, parquet, laminated parquet, wood, carpet, rubber-based floor covering and tile coating.

PROPERTIES

- Used for the correction of surface defects between 1-10 mm.
- Creates a smooth surface by spreading itself.
- Easy to apply, does not require much labour.
- Does not shrink and crack.
- Suitable for wheelchair and underfloor heating systems.
- Suitable for hand and machine use.

SURFACE TREATMENT

- Surface must be clean, dry, smooth and solid.
- Surface must be free of residues that will prevent adhesion.
- Regional defects on the surface must be repaired with TH-500 Repair mortar.
- Application thickness must be determined by taking into account the characteristics such as the roughness on the floor and the porous structure.
- Before application, Z-100 Screed and floor primer must be applied without dilution according to the surface.

TECHNICAL DATA

Appearance	: Grey powder
Application temperature	: (+10°C) - (+20°C)
Mixing ratio	: 20 kg powder / 4.8-5.2L water
Temperature resistance	: (-30°C) - (+60°C)
Cavity unit volume mass	: 2132.6 kg/m³
Open time	: 30 minutes
Time required for foot traffic	: 3-4 hours
Initial set time	: 40 minutes
Completely set time	: 1 hour
Compressive strength	: ≥ 20 N/mm² (7th day) : ≥ 28 N/mm² (28th day) : ≥ 5 N/mm² (7th day) : ≥ 7.18 N/mm² (28th day)
Flexural strength	: ≥ 1 N/mm²
Bond strength	: 286.95 mm³ (TS EN 12808-2)
Abrasion resistance	: Suitable
Wheelchair compatibility	: Suitable
Underfloor heating systems compatibility	: A1
Fire reaction class	: A1
Time required for applying coating on	: 24 hours for 1-5 mm thickness : 3 days for 5-10 mm thickness

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

APPLICATION

- Slowly pour 20kg FLOOR SL 10 powder into 4.8-5.2 Litre of clean water and thoroughly mix it with a low-speed mixer (max.600 rpm/min.) until it becomes a smooth, homogeneous substance.
- Rest the prepared mortar for 2-3 minutes and stir it again for 1-2 minutes before application.
- FLOOR SL 10 in fluid consistency should be poured onto the surface.
- The thickness of the self levelling floor compound should be adjusted with a steel trowel.
- During the application, if necessary, a spiked roller should be used to avoid any air bubbles in the product, to facilitate the spreading process and for final surface corrections.
- For applications on solid and absorbent subfloors, the thickness should be minimum 1.5 mm.
- The prepared floor compound must be consumed within 30 minutes at 10°C-20°C air temperature. While the application time is extended at low temperatures, it may be shortened at high temperatures. If the temperature is below 5°C, the application must not be done.
- If the application will be made with a machine, the width of the area must not exceed 6 metres in order to ensure the smooth spread of the floor compound to be applied.

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WARNINGS AND RECOMMENDATIONS

- Application must be done according to standards and instructions. The water ratio should not exceed the specified limit and no substance not specified in the instruction should be added.
- The application should not be made on floors that are constantly wet and have dampness problems.
- The application must be started after the primer is applied on the perlite floor screed.
- It is not suitable to be applied on exterior surfaces, on wooden floors, on loose floors with low strength.
- The application floor should not be left as the top coat.
- Humidity must not be more than 4% on the concrete surfaces to be applied.
- Surface absorbency should be determined before application and a suitable floor primer must be used.
- During parquet application, the floor compound thickness must not be less than 4 mm and the dryness of the surface must be checked before the parquet application.
- Do not breathe the powder or contact with skin or eyes as it is cement-based.
- After application, hands and applications tools should be thoroughly washed with water.
- Since the product is quickly set and cured, the floor should be protected from wind and direct sun during application.
- The indicated consumption amount is general information and may differ due to application conditions and surface features.
- The application must be done by our expert implementing dealer. The responsibility of the applications not performed by our expert implementing dealers belongs to the company that implements them.

PACKAGING

- 20 kg Kraft bag (Pallet 64 bags, 1280 kg)

CONSUMPTION

- 1,5-1,8 kg/m²/mm

QUALITY CERTIFICATES

- In accordance with TS 13813 standard and CT-C25-F7-B1,0 class.

<div>CE</div> <div>1783</div> <div>YILDIZ YAPI KİMYASALLARI SAN. ve TİC. LTD. ŞTİ. İstanbul Mermerçiler Küçük San. Sit. 18. Cad. No: 22 Köşeler Köyü - Dilovası / KOCAELİ</div>	
<div>21</div> <div>DoP number: 07.PB 13813.001</div>	
<div>070645-TSE-07/01</div> <div>TS EN 13813:2004</div> <div>FLOOR SL 10 SELF LEVELLING FLOOR COMPOUND [1-10 mm]</div> <div>CT-C30-F6</div>	
For screeds applied to cementitious floors used in the interior of buildings	
Compressive strength	: C30; ≥30 N/mm²
Flexural strength	: F6; ≥6 N/mm²
Abrasion resistance	: NPĐ
Fire reaction class	: A1
Our products do not contain dangerous substances.	

SHELF LIFE

- Shelf life of an unopened package stored in a dry, cool place is 12 months from the date of manufacture.

COMPLEMENTARY PRODUCT(s):

- TH-500 Repair mortar
- Z-100 Screed and floor primer