

FLOOR SL 30

INDUSTRIAL TYPE SELF LEVELLING FLOOR COMPOUND 4-30 MM



DESCRIPTION

- Cement-based, polymer-modified, self-levelling floor screed that can be applied between 4-30 mm for industrial areas.

INTENDED USES

- Interior and exterior floors,
- In factories and warehouses,
- On floors exposed to heavy pedestrian-vehicle traffic,
- On industrial floors,
- It is used as a levelling screed on the floors, such as screed, concrete for the purpose of levelling the floor before PVC-linoleum, parquet, laminated parquet, wood, carpet, rubber-based floor covering and tile coating.

PROPERTIES

- Can correct surface defects between 4-30 mm.
- Levels itself and creates a smooth ground.
- Easy to apply and does not require much labour.
- Does not shrink and crack.
- Depending on the temperature and application thickness, it can be opened to light pedestrian traffic after 3 hours and to heavy pedestrian traffic after 24 hours.
- Suitable for disabled ramps and underfloor heating systems.
- Suitable for hand and machine use.
- Saves time by getting fast setting.

SURFACE TREATMENT

- The surface must be clean, dry, smooth and solid.
- The surface must be cleaned from residues that will prevent adhesion.
- The cement floor must be at least 28 days old and concrete must be at least 3 months old.
- Regional defects on the ground must be repaired with **TH-500 Repair mortar**. It is recommended to use a gauge in areas with high surface defects or in applications for large areas.
- Application thickness must be determined by considering its properties such as roughness and porous structure on the ground.
- Before application, **Z-100 Screed and floor primer** should be applied without dilution according to the ground.

TECHNICAL DATA

Appearance	: Grey
Application temperature	: (+10°C) - (+20°C)
Mixing ratio	: 20 kg powder / 3.6-4 litre water
Temperature resistance	: (-30°C) - (+60°C)
Cavity unit volume mass	: 2108 kg/m ³
Open time	: 30 minutes
Time required for foot traffic	: After 3 hours
Initial set	: 30 minutes
End set	: 65 minutes
Compressive strength	: ≥ 40 N/mm ²
Flexural strength	: ≥ 8 N/mm ²
Bond strength	: ≥ 1 N/mm ²
Abrasion resistance	: AR 0.5
Compatibility for disabled ramps	: Suitable
Compatibility for underfloor heating systems	: Suitable
Fire reaction class	: A1
Final set time	: 7 days

- 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 20 kg **FLOOR SL 30** into 3.6-4 litres of clean water and mix with a low-speed mixer (max. 600/rpm) until a homogeneous mixture is obtained.
- The prepared mortar should be rested for 2-3 minutes to mature. It should be mixed again for 1-2 minutes before starting the application.
- The prepared **FLOOR SL 30** at fluid viscosity should be emptied over the surface. The thickness of the self-levelling mortar should be adjusted with a steel trowel.
- During the application, if necessary, spike roller should be used for the product to prevent air bubbles, to spread easily and for final surface corrections.
- In applications made on solid and absorbent subfloors, the thickness should be minimum 4 mm.
- The prepared mortar should be used within 30 minutes at 10 °C-20 °C air temperature. While application time increases at low temperatures, it may shorten at high temperatures. If the temperature is below +5 °C, application must not be done.
- If the application will be made with the machine, the width of the area must be 6 to 8 meters in order to ensure the proper spread of the mortar to be applied.

Yıldız Yapı Kimyasalları San. ve Tic. Ltd. Şti.

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WARNINGS AND RECOMMENDATIONS

- Application must be done according to standards and instructions. The water ratio should not be exceeded and any substance not specified in the instruction should not be added.
- After applying primer on perlite floor screed, application should be started.
- It must not be applied on floors that are constantly wet and have moisture problems.
- It must not be applied outdoors, on wooden floors, on low-strength and loose floors.
- The application floor should not be left as a top coat.
- Moisture must not be more than 4% on concrete surfaces to be applied.
- Surface absorbency must be determined before application and a suitable floor primer must be used.
- When applying parquet, application thickness must not be less than 4 mm and surface dryness should be checked before 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 sunlight 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 that are not made by our expert implementing dealers belongs to the company.

QUALITY CERTIFICATES

- Complies with TS EN 13813 standard and CT-C40-F8-AR0,5 class.

SHELF LIFE

- Shelf life of an unopened package stored in a dry, cool place is 6 months from the date of manufacture.

COMPLEMENTARY PRODUCT(s):

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

PACKAGING

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

CONSUMPTION

- 1.7 kg/m²/mm

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