

YAPIFINE BASE[®] SL

Self Levelling Screed



Product Definition

Cement based, self levelling, screed with synthetic polymer additive formulated particularly for fine applications.

Areas of Use

- Indoor and outdoor spaces,
- Housings,
- For ensuring a smooth surface beneath finish flooring materials such as PVC, parquet, wood, carpet, ceramic, marble etc.

Advantages

- Self-propagates in order to create smooth surface.
- Easy-to-apply, low labour requirement.
- Adheres perfectly even in very small thicknesses without shrinkage, cracking or degradation.
- Suitable for floor-heated areas.


Technical Specifications

Appearance	Grey Powder
Pot Life	min. 30 minutes
Application Temperature	Between +5 °C and +30° C
Time Before Use	~ 24 hours
Application Thickness	min. 2 mm / max. 10 mm

Flexural Strength	≥ 5 N/mm ²
Compressive Strength	≥ 25 N/mm ²
Adhesive Strength	≥ 2 N/mm ²
Abrasion Resistance by Bohme Abraser	≤ 20 cm ³ / 50 cm ²

* Hereby technical values and product application instructions are obtained in the wake of tests conducted in environment of +23±2°C temperature with relative humidity of %50±5. Higher temperatures will shorten the time span, while lower temperatures will extend it.

 Packaging	25 kg kraft bag
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 Consumption	1 mm for thickness of 1.7 kg/m ²
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Surface Preparation

The surface should be cleaned of all residual materials such as dust, oil, dirt, paint, curing materials, bitumen and other foreign substances.

The damaged parts of the concrete, fractures and static cracks on the surface should be repaired with the appropriate YAPIFINE MEND repair mortar first.

Sharp corner and edge joints should be chamfered.

Mixture Preparation

The 25 kg product is slowly poured into 6-6.5 L of clean water.

The mixture is then stirred with a low speed mixer until a homogeneous mixture is obtained.

The fresh mortar should be used within 30 minutes.

Application Information

 The prepared fluid mortar is poured onto the surface.

The self levelling mortar's thickness is then adjusted with a steel trowel.

A spiked roller should be used so that no air bubbles remain inside the mortar, the levelling process becomes easier and to make the final surface touches.

Application thickness should not exceed 10 mm on any given layer. The product should be applied in different layers in cases where the thickness is larger than 10mm.

Application Conditions

Should not be applied to surfaces that were exposed to sunlight for too long or to surfaces that are too hot or frozen.

Should not be applied when the ambient temperature is not within the values of +5°C and +30°C.

The application area should be protected from the effects of wind and direct sunlight.

The final consumption amount might vary depending on application conditions and surface characteristics.

Depending on temperature and ambient conditions, it can be stepped on after minimum 24 hours. However, it is recommended to wait for minimum 3 days before any beginning any procedures on the surface.

Shelf Life

The shelf life of the product is 12 months when it is stored on wooden pallets in a cool, dry and moisture free environment with an ambient temperature between +10°C and +25°C.

Safety Precautions

The operator should be wearing proper work attire, goggles, mask and protective gloves appropriate to work and worker safety regulations.

In case of contact with the eyes or accidental ingestion of the product seek immediate medical attention.

Rinse with plenty of water in case of contact with the skin. Since it is cement based, do not breathe its powder. For further information on the safe handling of this product please read the Safety Data Sheet (SDS).