

# TECHNICAL DATA SHEET



## SL25 FLOOR

Self-leveling Floor Screed

### DEFINITION

SL25 Floor is a ready-to-use, self-leveling floor screed with self-spreading properties

### AREAS OF USAGE

It is used indoors to eliminate and level surface irregularities as a leveling screed before final floor coverings. Provides a smooth subfloor beneath coverings such as PVC, linoleum, laminate, parquet, epoxy, and carpet, and is suitable for renovation of existing floors.

### PREPARATION AND APPLICATION

- The surface must be cleaned from dust, oil, paint, plaster, and all residues before application. • Loose and damaged layers should be removed and repaired with repair mortar.
- On absorbent or very smooth surfaces, a primer should be applied with a roller brush to increase adhesion and extend working time.
- It can be applied to all cleaned surfaces with high adhesion performance.
- For large areas, reference levels should be determined by dividing the surface into grids to avoid level differences.
- In a clean container, mix 25 kg of SL25 Floor with 5.5–6 liters of water using a low-speed mixer until lump-free.
- After mixing, let it rest for 2–3 minutes to make the mortar ready for use.
- The prepared mortar can be used for approximately 20 minutes.
- Pour a sufficient amount onto the surface and spread with a steel trowel to achieve the desired thickness.
- Use a spiked roller to remove air bubbles and facilitate spreading.
- Its self-leveling properties ensure a smooth and even subfloor.

### WARNINGS AND RECOMMENDATIONS

- Do not apply at ambient and surface temperatures below +5°C or above +30°C.
- Protect from wind and direct sunlight.
- Do not add water or any other material after mixing.
- Single-layer application thickness should be between 2–10 mm.
- Expansion (dilatation) joints in the structure must be respected.
- Not to be used as a final floor covering.

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### STORAGE CONDITIONS

Maximum 12 bags should be stacked on top of each other.  
Store in a dry, moisture-free, closed, and palletized environment.  
Should be consumed within 6 months under proper storage conditions.  
Improper storage or exceeding the shelf life negatively affects product quality.

### SAFETY INFORMATION

Read the instructions before use.  
Use protective gloves and eye/face protection.  
In case of skin contact, rinse with plenty of water.  
In case of eye contact, rinse cautiously with water for several minutes.  
Get medical attention in case of irritation or rashness in skin.

### TECHNICAL DATA

Water / SL25 Floor Ratio	5.5–6 L water / 25 kg SL25
Color	Grey
Initial Setting Time	>20 minutes (TS EN 13813)
Final Setting Time	> 1,5 hours
Ready for Covering	After full curing
Bulk Density (Loose)	1050–1110 g/L
Dry Density	Approx. 1800 g/L
Application Thickness	2–10 mm per layer
Consumption	1.5–1.6 kg/m <sup>2</sup> per 1 mm thickness
Compressive Strength	≥ 20 N/mm <sup>2</sup> (TS EN 13813 – C20)
Flexural Strength	≥4 N/mm <sup>2</sup> (TS EN 13813 – F4)
Böhme Abrasion Resistance	≤20 cm <sup>2</sup> /50 cm <sup>2</sup> -A22
Reaction to Fire	A1 (TS EN 13501-1)
Packaging Type	Kraft bag
Bag Weight	25 kg ±%2
Standarts	Complies with TS EN 13813 (December 2004)