

ARKIM ARFLOOR SL/8111

■ Definition

Cement-based, self-leveling leveling screed.

■ Application area

- Used indoors and in dry environments.
- Used in residences, hospitals, educational buildings, shopping malls, stores and markets.
- It is used to level the surface before laying ceramic, granite, marble, wood, parquet, laminate, carpet and PVC coatings.

It is used as a leveling screed before the final coating on the interior floors of all buildings exposed to medium and heavy traffic.

■ App features

- Spontaneous spreading time of the mortar is 15 minutes
- Time required to open to traffic: 8-24 hours
- Application thickness; medium pedestrian traffic: 1-10 mm, high-intensity pedestrian traffic: 3-10 mm

■ Surface preparation

- The surfaces on which ARKIM ARFLOOR SL will be applied should be cleaned of dust, dirt, oil, etc. by aspiration, sweeping and other means. It should be cleared of residues that will prevent sticking, such as
- If there are defects on the application surface, they are corrected with ARKIM ARREPAIR THIN or ARKIM ARREPAIR THICK .
- The surface must be cured and sound.
- To increase resistance to absorbency or smoothness, be sure to prime the surface with ARKIM ARASTAR .

■ Application conditions

- Ambient temperature between +5 °C and +30 °C,
- It should not be applied on frozen, melting or frost risk surfaces within 24 hours.
- It should not be applied on floors with underfloor heating in hot condition.

■ Warnings and Advice

- Absolutely no foreign substances should be added.
- Pay attention to the water / powder ratio of the mixture. Otherwise, deterioration of this ratio may cause cracks, collapses, dusting, and low strength.

-After the application, all the tools used should be washed with water before they dry.

■ Application tools

Hand mixer, steel trowel, roller

■ Application

- The container in which the mortar will be prepared must be clean and free from the residues of the previous mixture.

Attention should be paid to the cleanliness of the water and materials used.

25 kg ARKIM ARFLOOR SL to 5-5.5 liters of water .

-The prepared mortar is rested for 2-3 minutes to mature and used by mixing again.

- Discharge the prepared mortar with a flowing consistency on the surface. Use a spiked roller to avoid air bubbles in the product during the application and, if necessary, make some corrections with a steel trowel and adjust the thickness to facilitate the spreading process.

-In applications in large areas, continuous application is required to prevent cold joints from forming. For this reason, in order to ensure the continuity of the pouring process, the material should be prepared in more than one bucket, and the application should be completed by pouring it one after the other.

-The mixture in the container should be consumed within approximately 30 - 35 minutes.

-Do not add powder and water to the mortar that has expired.

-Fast drying of the material should be prevented.

-It should be waited for at least 3 days for it to be covered.

-It is not applied in outdoor, industrial areas.

- Not applicable on wet surfaces exposed to moisture.

■ Consumption

Approximately 1.6-1.8 kg/m² (for 1 mm layer thickness)

• Performance Information

- Compressive Strength: $\geq 25 \text{ N/mm}^2$
- Flexural Strength: $\geq 6 \text{ N/mm}^2$
- Capillary Water Absorption: $\leq 0.1 \text{ kg/m}^2 \cdot \text{min}^{0.5}$
- Bond Strength: $\geq 1 \text{ N/mm}^2$
- Temperature resistance: -30 °C to + 60 °C

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Note: The application properties are provided as a result of experiments carried out in a laboratory environment (23 ± 2 °C and $50 \pm 5\%$ humidity and no air flow) and may vary according to different ambient conditions. In environments where performance information is specified in accordance with the relevant standard of the product. It has been tested and results may differ in different environments.

- **Reference Standards**

- TS EN 13813

- **PACKAGING**

- 25 kg Kraft bag,
 - 64 pieces per pallet, 1600 kg

- **Physical state**

- Gray, powder

- **Storage Conditions**

- Care should be taken to place a maximum of 10 layers of kraft bags on top of each other during storage. It should be stored indoors and in areas away from direct sunlight.
 - The bags should be stored in such a way that they do not touch the ground and be protected from moisture.
 - Under these conditions, the product can be stored for 12 months from the date of manufacture.
 - Improper storage conditions or exceeding the period of use may deteriorate the qualities of the product.