

ARKIM ARREPAIR THIN/5111

■ Definition

Cement based, polymer and fiber reinforced thin repair and leveling mortar.

-Hand mixer , steel trowel, finishing trowel, steel wire brush

■ Application area

- It is suitable for filling thick cracks on surfaces such as exposed concrete, prefabricated concrete, gas concrete, briquette, brick, repairing poured, carved, cracked, ruptured surfaces up to 5-30 mm and plaster repairs. It is used to create a smooth surface before painting, ceramic coating, insulation, in renovation works in buildings.

■ 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.

-Mortar 6-6.5 liters of water25 kg ARKIM ARREPAIR should be prepared at THIN ratio.

-Water is poured into the container first, and then the powder is gradually sieved. Mix until there are no lumps.

-A low speed mixer should be used to make the mixture homogeneous.

-After obtaining a homogeneous mixture, it is rested for 5-10 minutes. It is mixed again for 1-2 minutes before starting the application.

- After the mixture becomes homogeneous, no powder, water or any other substance should be added.

-The mortar should be filled with a steel trowel by applying pressure to the broken, cracked and broken areas on the floor and the surface should be covered.

-In order to equalize the level of the coated surface, the final application should be done without interruption, so that the total thickness does not exceed 20 mm in one go. polished with a damp sponge .

-After the application, the surface should be moistened at regular intervals for 24 hours.

-The prepared mortar should be consumed within 60 minutes.

-Expired or crusted mortar in the container should be discarded.

-After the application, hands and application tools should be washed with plenty of water.

■ App features

- Usability time max. 6 hours
- Working time max. 60 minutes
- Application thickness 10-20mm
- Applicable layer thickness max 10mm
- Waiting time between floors min. 1 day

■ Surface preparation

- The surfaces on which ARKIM ARREPAIR THIN will be applied must be free of dust, dirt, oil, etc. It should be cleared of residues that will prevent sticking, such as
- The loose parts with low adherence should be removed from the surface.
- The surface must be cured and sound.
- Before the application, the surface should be moistened.

■ Application conditions

- Ambient temperature between +5 °C and +35 °C,
- It should not be applied on frozen, melting or frost risk surfaces within 24 hours.
- It should not be applied under direct sun, strong wind or on hot surfaces.

■ Warnings and Advice

- Absolutely no foreign substances should be added.
- After the application, all the tools used should be washed with water before they dry.
- After the application, the surface should be moistened for 2-3 days.

■ Consumption

It varies depending on the surface.

• Performance Information

- Compressive Strength: $\geq 10 \text{ N/mm}^2$
- Bond Strength: $\geq 0.8 \text{ N/mm}^2$
- Capillary Water Absorption: $\leq 0.5 \text{ kg/m}^2 \cdot \text{min}^{0.5}$

■ Application tools

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- Thermal Compatibility: Freeze-Thaw; crack gene. $\leq 0.05\text{mm}$
- Thermal Compatibility: Thermal Shock; crack gene. $\leq 0.05\text{mm}$
- Thermal Compatibility: Dry Cycle; crack gene. $\leq 0.05\text{mm}$
- Temperature resistance: -30°C to $+60^{\circ}\text{C}$

Note: The application properties are provided as a result of experiments carried out in a laboratory environment ($23 \pm 2^{\circ}\text{C}$ and $50 \pm 5\%$ humidity and no air flow) and may vary according to different ambient conditions. Performance information has been tested in the environments specified in accordance with the relevant standard of the product, and the results may differ in different environments.

- **Reference Standards**

- TS EN 1504-3 / Class: R1
- Public Works Pos No: 04.613/31

- **Packaging**

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

- **Physical state**

- Gray, powder

- **Storage Conditions**

- a maximum of 10 layers of kraft bags on top of each other during storage.
- Storage should be done 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.