



Description

Cement based finish plaster mortar developed with special additives that is suitable for manual or mechanical application.

Fields of Application

- For providing smooth surface before interior and exterior painting, tiling and insulation of buildings,
- On cementitious render, concrete and smooth concrete surfaces,
- On bricks, pumice concrete, walls and ceilings.

Properties

- High bonding strength.
- Creates smooth and sound surface.
- Resistant to freeze-thaw cycle.
- Applicable between thicknesses of 3-10 mm.
- Easy to apply.

Preparation of Substrates

- The substrates should be dry, clean and solid.
- The surfaces to be coated should be free of adhesion preventive foreign substances such as dust, dirt, mould oil, paint etc.
- The sub-surfaces that are not strong enough to carry themselves e.g. cracked plasters, weak surfaces, or residues of moss should be cleaned from the application surface.
- Use Tamirart series repair mortar in case of any loose and uneven substrates to get a sound and flat surface.
- Before application, the surface must be moistened or primed with Kalekim Astar (Primer).
- Kalekim B-Tone must definitely be used before applications to be done on exposed concrete.

Application

- Pour Kalekim Finish Plaster into the advised amount of water slowly and mixed until a homogeneous mixture is obtained. Mixing must be done with low-speed mixer. Additives not specified in the application instructions must not be added.
- The prepared mortar must be rested for 5-10 minutes for maturation purpose. It must be mixed again for 1-2 minutes before starting application.
- Kalekim Finish Plaster must be applied with a steel trowel not to exceed 10 mm in one coat. For applications with thicknesses more than 10 mm, second coat application must be made after at least 1 day.
- The surface must be polished with a damp sponge to give a final surface appearance.

Post-Application Protection & Suggestions

- After the application, the surface should be moistened at certain periods during the curing, if necessary.
- Make sure that the surface is fully dried and cured before covering it.
- Expired or encrusted mortar in the bucket must be disposed. Weather conditions such as high temperature, low humidity, wind may shorten this period.
- After application, hands and application tools must be washed with plenty of water.
- Indicated consumption is a general information. It may change depending on the application conditions and surface properties.
- Since it contains cement, irritates to eyes, respiratory system and skin.
- For further information refer to the safety data sheet.

Storage

- Packages should be kept dry and cool at between +5°C and +35°C in damp free conditions. Avoid direct sunlight.
- Packages should be protected from water, frost and adverse weather conditions.
- Maximum 3 pallets should be stacked on top of each other.
- Shelf life is maximum 12 months conditional to complying with the above mentioned storage conditions.

Packaging

- 25 kg multi-ply paper bags.



4041 Kalekim İnce Siva (Finish Plaster)

Technical Properties

(at 23 °C and 50% RH)

General Data

Appearance	Grey and white powder
Shelf Life	12 months when stored in the original sealed packing in dry place.

Application Data

Application Temperature Range	(+5°C) - (+35°C)
Mixing Ratio	6 - 7 lt water / 25 kg grey powder 6.5 - 7.5 lt water / 25 kg white powder
Thickness	3 - 10 mm (per layer)
Pot Life	~4 hours
Consumption	1.50 kg/m ² (for 1mm thickness)

Performance Data

Bulk Density of Hardened Mortar (EN 1015-10)	1500 ±100 kg/m ³
Compressive Strength of Hardened mortar (EN 1015-11)	≥ 6 N/mm ² CS IV
Bonding Strength - Type of Break (EN 1015-12)	≥ 0.4 N/mm ²
Water Absorption Coefficient due to Capillary Action of Hardened Mortar (EN 1015-18)	≤ 0.40 kg/m ² dk ^{0.5} / W1
Water Vapour Permeability Coefficient	≤ 15 µ
Working Life (EN 1015-9)	≥ 120 min.
Service Temperature Range	(-30°C) - (+80°C)
Release of Dangerous Substances	See SDS.
Reaction to Fire (EN 13501-1)	A1

Quality Certificates



Conforms EN 998-1, Designed, General Purpose Fine Plastering Mortar for Internal and External Use (GP).