



Description

Cementitious, polymer reinforced filling and repair rendering for smoothing surfaces prior to painting.

Fields of Application

- Filling hair cracks and smoothing of the surfaces of aerated concrete, concrete, brick walls prior to painting.
- Smoothing walls during restoration.
- Repairing wall and ceiling renders.
- Repairing old, damaged renders and concrete up to 1-5 mm.

Properties

- High adhesion strength.
- Smooth and solid surface.
- Easily paintable due to white color.
- Resistant to freeze and thaw.
- Applicable between 1-5 mm thickness.
- Easily applicable.

Preparation of Substrates

- The substrates must be dry, clean and solid.
- The substrates 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.
- Before the application, the surface should be dampened or primed with Kalekim Astar (Primer) for better results.
- Exposed concrete surfaces should be primed with Kalekim B-tone.

Application

- Pour Tamirart W slowly on the amount of clean water specified in the technical table and mix to obtain a homogeneous paste free from lumps. A low speed mixer is recommended to mix. Do not add any additive which is not mentioned in the instructions for the application.
- Allow the mortar to stand for 5-10 minutes to mature. After 1-2 minutes of remixing, the paste is ready for application.
- Apply mortar with a flat trowel with a firm pressure to ensure a good adhesion and should be applied not exceeding 5 mm on the surface.
- The surface should be glazed with a damp sponge.

Post-Application Protection & Suggestions

- When applying on walls which are directly exposed to sun or wind, it is advisable to wet the surface of Tamirart W for the following 24 hours after application.
 - The product should be used within 60 minutes. Weather conditions such as high temperature, low humidity, and wind may shorten this period.
 - Dispose mortars of which pot life is expired.
 - Clean tools and hands with water after application.
 - The consumption values in the table refers to an average consumption amount. It may vary depending on the application conditions and surface properties.
- Since it contains cement, it irritates the 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 moisture 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

- 20 kg multi-ply paper bag.
- 5 kg polyethylene bag.

Quality Certificates



Non-structural repair mortar conforming EN 1504-3 / Class R1.

Technical Properties

(at 23 °C and 50% RH)

General Data

Appearance	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	6.0 – 7.0 liters water / 20 kg powder 1.5-1.75 L liters water / 5kg powder
Pot Life	Min. 1 hour
Application Thickness	Max. 5 mm (for single layer)
Consumption	1.20-1.40 kg/m ² (per 1 mm thickness)
Waiting Time Before Bonding (Ready For Use)	24 hours

Performance Data

Compressive Strength (EN 12808-3)	≥ 10.0 N/mm ² (28 days)
Flexural Strength (EN 12808-3)	≥ 2.5 N/mm ²
Tensile Strength (EN 1542)	≥ 0.8 N/mm ²
Service Temperature Range (after final cure)	(-30°C) - (+80°C)
Release of Dangerous Substances	See SDS.
Reaction to Fire (EN 13501-1)	A1