

4002 TAMİRART 30 Coarse Repairing Mortar

Description

Indoor and outdoor rendering and leveling mortar walls, floors and ceilings in thickness from 5-30 mm.

Fields of Application

- Smoothing walls prior to restoration, ceramic tiles installation and painting.
- Smoothing and filling hairy cracks on the surfaces of foamed cement, concrete, brick walls.
- Repairing old, damaged renders, concrete up to 5-30 mm.

Properties

- High adhesion strength.
- Smooth and solid surface.
- Resistant to freeze and thaw.
- Applicable up to 5-30 mm thickness.
- Easily applicable.

Application

- Substrates must be compact, free of dust, loose parts and clean from oils, grease, paint or adhesive residues when TAMİRART 30 can also be applied to damp surfaces without any problem, but cure time will be slightly prolonged.
- It is advisable to wet highly absorbent substrates or better to apply KALEKIM ASTAR or B-TONE.
- Pour 25 kg. of TAMİRART 30 into 4,0 - 5.0 liters of clean water slowly and mix to obtain a homogeneous paste free from lumps. (A low speed mixer is recommended to mix).
- Allow to stand for 5 - 10 minutes to mature. After remixing, the paste is ready for application.
- Apply TAMİRART 30 with rendering machine flat trowel with a firm pressure to ensure a good adhesion.
- When applying on walls directly exposed to sun or wind, it is advisable to wet the surface of TAMİRART 5 for the following 24 hours after application. For surfaces having ideal humidity and in ideal weather conditions, wait for 6 hours before tiling. Waiting time will be shorter in summer and longer in winter conditions.
- The mortar should be used within 25 minutes. Unfavorable climatic conditions like high temperature, low humidity, and wind may shorten this duration.
- Dispose mortars of which pot life is expired.
- Clean tools and hands with water, surfaces with a damp cloth.

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Technical Properties	
(at 23°C and 50% RH)	
General Data:	
Appearance	Grey 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	4.0 - 5.0 liters water / 25 kg. powder
Pot Life	Min. 60 minutes
Application Thickness	Max. 30 mm (for single layer)
Consumption	1.90kg/m ² (per 1 mm. thickness)
Bulk Density	~ 1,45 g/cm ³
Performance Data:	
Compressive Strength (EN 12808-3)	≥ 20,0 N/mm ² (28 days)
Flexural Strength (EN 12808-3)	≥ 4,0 N/mm ²
Tensile Strength (EN 1542)	≥ 1,0 N/mm ²
Service Temperature Range (after final cure)	(-30°C) - (+80°C)
Restrained Shrinkage-Expansion (EN 12617-4)	≥ 0,8 N/mm ²
Capillary Water Absorption (EN 13057)	≤ 0,5 kg/m ² h ^{0,5}
Dangerous Substances	See SDS.
Reaction to Fire (EN 13501-1)	A1

Warnings

- Since contains cement, irritating to eyes, respiratory system and skin. For further information refer to safety data sheet.
- Indicated consumption is a general information. It may change depending on the application conditions and surface properties.

Storage

- Store in dry medium. Do not stack more than 10 bags on top of each other.

Packaging

- 25 kg. multi-ply paper bags.

**Quality Certificates**

Non-structural repair mortar conforming TS EN 1504-3 / Class R2.

Please Note: All suggestions and application instructions herein are based on our latest technical experience. Due to wide variety of individual application conditions, the user alone is responsible for any consequences deriving from the use of the product.