

BR-900 / HORASAN JOINT FILLING AND KNITTING MORTAR

PRODUCT DESCRIPTION

It is a cement-free, natural hydraulic lime-based plaster material used to obtain a smooth surface in historical masonry buildings. It is a mortar with breathing feature and high water vapor permeability.

AREAS OF USAGE

Plastering and repairing historical masonry structures and connecting historical artifacts and filling and repairing the joint gaps between these stones; It is used in plastering and repair works of masonry domes and vaults

FEATURES

Since it does not contain soluble salts, it is one of the best products for the restoration of historical buildings. Does not contain cement. It is easy to prepare and apply. Breathable water vapor permeability is high

TECHNICAL SPECIFICATIONS:

(23 ± 2°C and 50±5% relative humidity)

APPLICATION INFORMATION:

Application floor temperature: (5 C°) - (305 C°)

Temperature resistance: (-30 C°) - (70 C°)

Appearance: White Ripening time: 5 minutes

Pot life: 2 hours

Consumption: 4.0 - 4.5 kg per 1 m². (3 mm application thickness)

Mixing ratio: 25 kg powder product average 6.5 -7 lt. mixed with water

Reaction to fire: A1

REFERENCE STANDARDS

Approvals/Standards TS EN 459-1NHL 3.5

APPLICATION INSTRUCTIONS

The hardness, water absorbency and durability of the application surface should be checked beforehand. The application surface should be cleaned from the negative effects (dust, dirt, debris, oil) that will prevent adhesion. Before application, the surface should be moistened depending on the ambient temperature. 6.5 - 7.5 lt. clean water should be poured into the mixing bowl and slowly added to it and mixed until a homogeneous consistency is obtained. A low speed mixer should be used for mixing. Mixing with high speed prevents homogeneous consistency. After waiting for 5 minutes of maturation, the mortar that is mixed again for 1-2 minutes is ready to use. Bestkim BR-900 Horasan Grouting and Knitting Mortar is applied to the surface with a steel trowel. The material in the prepared container should be used within 2 hours. This period may be shortened due to factors such as extreme temperature, heavy wind and low humidity. hardened and the material in the container that has completed its setting should not be used. After the application, the application tools should be washed with plenty of water

PACKAGING

20 kg moisture resistant kraft bag.

Shelf life is 12 months in dry conditions in its unopened package.

CONSUMPTION

20 kg kraft bag = 6.5-7 lt water

STORAGE

It should be stored in its unopened original package, in a dry (max 60% relative humidity) and cool (temperature between 5°C and 25°C) environment. It should not be left under direct sunlight. It should be stored in a dry environment with a maximum of 10 layers.

SAFETY RECOMMENDATIONS

Application temperature should be within the limits of 5°C / 35°C. The material should be mixed with the help of a mixer with maximum 120 speed. No additives (such as lime, sand, cement) other than water should be put into the material. During application, the surface should be protected from external factors (wind, humidity and sun). After the application, the application tools should be washed with plenty of water. The prepared mortar should be consumed within 2 hours. The material in the container that has hardened and has completed its setting should not be used. The surfaces on which Bestkim BR-900 Horasan Grouting and Knitting Mortar are applied should not be interfered with and should be protected from water until the setting is completed.

CERTIFICATE OF CONFORMITY

