



PROHIDRO PLASTER 567

Natural Hydraulic Lime Based Plaster

PRODUCT DESCRIPTION:

It is a cement-free plaster material containing natural silica aggregate and inorganic fibers developed for use in historical buildings.

FEATURES / ADVANTAGES:

Thanks to the special inorganic mineral fibers homogeneously dispersed in the mixture, a non-shrinking mortar is obtained. In this way, a repair that provides continuity on the applied surface is achieved by working with the same mechanism as traditional mortars.

The use of ready-made mortar due to continuous controlled production ensures the same product quality in every project. It is extremely difficult to ensure the homogeneity of the mixture in the mortars prepared in the field.

PROHIDRO PLASTER plaster, which does not contain water-soluble salts, is one of the best products that can be recommended for the restoration of historical masonry structures.

It does not contain asbestos, it is environmentally friendly.

PRODUCT INFORMATION:

Chemical Base	Lime-Based
Appearance / Color	Powder / Gray & Cream

PERFORMANCE:

(23°C, 50% RH)

Compressive Strength 28 days	≥ 15 N/mm ² TS EN 1015-11
Mixture Density	2 ± 0.1 kg/lt
Pot Life	30 min
Full Curing time	7 days

These values have been obtained as a result of laboratory tests carried out in our company and are valid for the performance of the finished applications at the end of the full drying period. Since the temperature and humidity values in the construction site environment and the application surfaces and areas will vary, the values may change.

USAGE AREAS:

In interior and exterior plastering,
In plaster repairs,
In the repair of natural stone, brick wall joints,
It is used in surface repairs.



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APPLICATION INSTRUCTIONS:

Care should be taken to ensure that the surfaces of historical masonry structures to be repaired and plastered are solid, dust-free and clean. The surface should be thoroughly cleaned from all kinds of oil, grease, rust and paraffin substances that will weaken the adherence. The wall surface on which PROHIDRO PLASTER will be applied must be pre-moistened in order to improve the adhesion and setting time of the mortar. If there is water flow on the surface, it should be drained or closed with a suitable plug. There should be no free water on the surface to prevent adhesion.

16 kg of PROHIDRO PLASTER is slowly added into 3.8 kg of water and mixed with a 400-500 rpm mixer for about 4 minutes.

Application Equipment:

Hand Mixer
Steel Trowel

The prepared mortar thickness is 10 - 20 mm and is applied to the whole surface with the same thickness with a trowel. The mortar is expected to absorb its water and the surface is finished as desired with a steel or wooden trowel by sprinkling water on the drained mortar with a plasterer's brush. multiple floors

In applications to be made in case of application, each layer should be 1-2 cm thick before the previous layer hardens. The previous layer must be moistened before the new layer is applied. Large surfaces open to the atmosphere, especially hot, dry or windy environments, should be protected against rapid evaporation with wet bags or water for 24-48 hours after the application.

LIMITATIONS:

Please obey to the application instructions to obtain optimum quality. In outdoor applications, the first 3 hours should be protected from sun, rain and frost. Do not add more water than necessary. Otherwise, cracking and adherence weakness will occur. Reaction times are affected by ambient and ground temperatures. Reaction times are shortened in hot environments and longer in cold environments. Hot mixing water should be used in cold environments. In hot environments, icy mixing water should be used. The application should be done between +5 C and +30 C. It should not be applied in hot, rainy and windy weather. It should not be applied on surfaces where there is a danger of frost. In multiple coat applications, it should be done after the previous one has hardened. Precautions should be taken against fast drying in open area and large surface applications. The product should be protected from rain, water, frost and adverse external factors until it cures (28 days). Expired and hardened mortar should be destroyed.

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CONSUMPTION:

It is 17 kg/m² powder product for 10 mm thickness.

PACKAGING:

In 16 kg kraft bag,

SHELF LIFE:

It is 1 year from the date of production in its original packaging in dry and non-humid (temperature between +5 C and +25 C) environments. The lid of the containers should be tightly closed when not in use. It should be kept away from moisture.

STORAGE CONDITIONS:

It should be stored in its unopened original package, in a moisture-free, dry and cool (temperature between +5 C and +25 C) environment. It should not be left under direct sunlight.

SECURITY:

Since it is cement based, do not breathe the dust, use a mask. Avoid contact with skin and eyes. Use protective gloves, goggles and clothing. In case of eye contact, seek medical advice immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet.

DEKOSTAR San.ve Tic.Ltd. Şti. is not responsible for any application errors that may occur if the product is used for purposes other than its intended use or if the above-mentioned application conditions and recommendations are not followed. Dekostar reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product.