

HEMPCLAY PLASTER



Clay base plaster that contains hemp fiber and is also suitable for finishing

Substrate

The substrate must be even, dry, absorbent, and free from dust, paints, and lubricants (oils, greases, etc.). Substrates must be moistened beforehand to improve adhesion and protect the plaster from drying out too quickly. Absorbent substrates must be moistened to saturation (water sprayed on the substrate will remain on the surface for at least 5 seconds before it is absorbed).

For smooth concrete, gypsum board, and other smooth surfaces with poor adhesion, we recommend using a quartz adhesive primer in advance to improve the adhesion.

When plastering wooden surfaces (logs, boards, smooth-faced chipboard, plywood, etc.), we recommend using a thin reed mat or reed board, wood fiber, cork board, or other natural insulation material for insulation.

Conditions

The temperature of the substrate and the ambient air must be higher than 5 °C.

The clay plaster dries out by evaporating the water. The room must be properly ventilated to dry the plastered surfaces during the warm weather period. During the drying of the plaster, it is recommended to use fans, blowers, and dehumidifiers for ideal drying. Excessive prolongation and excessive humidity can lead to the formation of molds on the surface of the plaster, which is not dangerous to health. Once the surface is dry, the mold should be wiped off the surface.

Preparation

Add 5-6 liters of clean water to one 25kg bag and mix well for 5-10 minutes to make the mixture a porous, uniform mass that is good to install. Preparing the mixture the day before plastering is best, with a minimum of 30 minutes before use. After standing, mix the plaster mixture thoroughly again.

Application

Clean and moisten substrates. Apply the first layer 5-10 mm thick. Allow the plaster to harden and level the surface with a float. The first coat must be completely dry before applying the second coat. Immediately before applying the next layer, it is advisable to moisten the surface so that the layers adhere better. Apply a second layer 5-10 mm thick.

When reinforcing, a reinforcement mesh must be installed on top of the second layer, smoothed into the plaster surface with a trowel, and rubbed even with a float. We recommend using jute mesh or a fiberglass mesh of at least 7x7mm for reinforcement, which should be installed with an overlap of 7-10 cm.

After the plaster has hardened but is still wet, even the surface with a float.

Finishing

For finishing, we recommend using UKU clay finishing plaster or clay decorative plasters. Before finishing, wipe off loose sand with a strong brush. If you want to exhibit the base coat plaster, we recommend priming the surface with Saviukumaja finishing primer. If you want to highlight the fiber in the plaster, use a damp sponge in the final stage of finishing.

Maintenance

Spot repairs can be made to possible surface damage. For this it is recommended to keep the same batch of powder in storage. For a chip or defect, dissolve a small amount of the mixture in a jar and pat the area with a fine brush. Dirty plaster can be dry cleaned or re-coated with the same finishing material. Clay plaster is antistatic and does not collect dust. Oils and liquids are absorbed by the clay plaster.

Consumption

Depending on the evenness of the substrate 7-17 kg / m² at a layer thickness of 4-10 mm.

Safety

Avoid inhalation of dust and contact with eyes. In case of contact with eyes, rinse immediately with saline.

Preservation

The dry mix will keep in a closed container in dry conditions for 2-3 years. Under ideal conditions, the dry mix can last for decades. Store the finished mix in a covered container in a cool place for up to 6 months. Clean the edges of the mixing container and cover the surface of the finished mix in the bucket with plastic wrap to prevent drying. Always mix thoroughly before reusing. The production date is indicated on the packaging.

Keep the same batch of powder for spot repairs. Since this is a natural product, there may be differences in tone between batches.

The product description outlines the uses of the material and recommendations for work. The material has been tested by the manufacturer and guarantees the quality of the product but cannot guarantee its correct use and therefore does not release the user from liability. Specific conditions and surfaces must be taken into account for each project.

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