

LIME PLASTER

BASE COAT 0-4

- Description** Saviukumaja's lime plasters are 100% natural. Inspired by traditional recipes, we have created contemporary products used for restoring historical buildings and finishing modern buildings. Lime plaster as an interior decoration material is a great choice for creating a good indoor climate and increasing the fire resistance of constructions. Saviukumaja's Lime plaster base coat 0-4 is prepared according to the traditional recipe. Lime plaster 0-4 comprises 10% high-grade hydrated lime CL90, 40% crushed limestone sand and 50% carefully selected sand using a special grading curve. Lime plaster (grain size 0-4 mm, a dry mixture).
- Use** Suitable for plastering various surfaces both outdoors and indoors, including in moist rooms. Used for plastering in the ground coat, and when necessary, for finishing, repair works of lime plaster, and laying building blocks. Suitable base surfaces: wood, stone, bricks, clay, lime and other mineral plasters, reed board, straw walls, concrete blocks, Aeroc, Fibro, etc.
- Colour range** White
- Properties** Lime plaster adjusts the air humidity inside the room, inhibits the formation of mould, is suitable for people suffering from allergies, is free from harmful contaminants, and has antistatic properties. Saviukumaja's Lime plaster base coat is a moisture-permeable material with great surface resistance, plasticity and adhesiveness; it is resistant to slight movements in walls (sinking).
- Base surface** The base surface must be stable, weight-bearing, dry, absorbent, adhesive, and definitely clean from dust, paints, and lubricants (oil, grease, etc.). We recommend using a thin reed mat when plastering wooden surfaces (logs, boarding, chipboards and other wood-based boards with a smooth surface); for insulation, use a reed board, natural fibreboard or corkboard. Use a fully covering jute fabric from Saviukumaja's selection to reinforce plaster in the second layer or a plastic net with a minimal loop size of 7 x 7 mm (in the case of facades), the overlay should be 7-10 cm.
- Conditions** The temperature of the base surface and ambient air must be above 5°C. Lime carbonises when exposed to moisture. It takes a month for a centimetre of lime layer to carbonise, therefore lime plaster must be protected from rapid drying due to wind and sun when plastering outdoors. Once lime plaster is dry, it must be moistened again over five days.
- Preparation of the mixture** Add 3.75-5 litres of clean water to a bag (25 kg) and mix thoroughly for 5-10 minutes to make the mixture porous, plastic, and easier to apply. The best way is to prepare the mixture one day before plastering. The mixture should be left to stand for a minimum of half an hour. The plaster needs to be mixed again after standing.
- Tools** Floats, trowels (rectangular trowels for shaping, finishing trowels, Swiss trowels). Apply manually or with a plastering machine.
- Application** Clean and moisten the base surfaces beforehand to improve adhesiveness and to protect the plaster from drying too fast. Moisten wooden surfaces lightly and stone surfaces to saturation. Apply the first layer of 5-10 mm (not more than 10 mm). Let the plaster solidify and smooth the surface. We recommend using a plaster float, avoiding the smooth surface of a metal Swiss trowel. Before applying the second layer, the first layer must be solid. Moisten the first dried layer properly and apply the second layer on the surface. Once the plaster has solidified, rub/thicken the surface even by means of a plaster float or rubber float. Once it is dry (light in colour), moisten the lime plaster again over five days.
- Finishing** We recommend using Saviukumaja's Finish and/or Fine finish lime plasters for finishing. Before finishing, remove any loose grains of sand from the surface with a brush. If you wish to display the base coat, we recommend applying Saviukumaja's finish primer on the surface.

Material expenditure

PACKAGING	COVERAGE 10mm	COVERAGE 15mm
25 kg bag	ca 1.5 m ²	ca 1 m ²
1000 kg bag	ca 60 m ²	ca 40 m ²

NB! Material expenditure depends on the evenness of surfaces (e.g. the expenditure is higher in the case of log walls with big gaps compared to an even boarding).	
Wooden surfaces (reed mat/board)	30-45 kg/1 m ²
Stone surfaces	25-30 kg/1 m ²

- Safety** Lime is corrosive. Avoid inhaling dust, and avoid contact between dust and your skin or eyes. We recommend using protective glasses and clothing. Wash with a physiological salt solution in the case of eye contact.
- Storage** Store in a closed bag in dry conditions. Storage life is 1 year.

The product description lists the possible uses of the material and gives recommendations for working. The manufacturer has tested the material and ensures its quality, but cannot guarantee that it is used in the proper manner. Hence, the user is not released from liability. The particular conditions and surfaces need to be taken into account for each object. The product sheet becomes invalid upon publication of a new one. Last updated: 01.11.2016.

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