

Application of plaster and skimming coat for internal and external wall surfaces with ready-to-use mortar

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APPLICATION DATA SHEET

Application of plaster and skimming coat for internal and external wall surfaces with ready-to-use mortar through:

1. preparation of the substrate;
2. application of plaster;
3. skimming;
4. possible finish coatings.

1) PREPARATION OF THE SUBSTRATE

If used as plaster: Cleaning of all the surfaces to be plastered in order to eliminate dust, flimsy parts, old plaster and anything that could compromise the good anchoring of the subsequent processing steps.

If used as a skim coat: if there are old but compact plasters, clean them with a suitable pressure wash or, if necessary, mechanical abrasions in order to remove old paints and inconsistent parts that could compromise the good anchoring of subsequent processing. In the case of newly constructed plasters, skimming should be carried out after the plaster is fully cured (minimum 4 weeks), so as to seal off any shrinkage cracks that may arise especially in the case of plastering in large thicknesses. Then check that the support is compact and clean, and wet it.

2) APPLICATION OF PLASTER

On compact and soaked surfaces, apply with suitable normal manual or mechanical equipment a first rough coating, to be carried out using **Limepor PLUS**. The thickness of the rough coat must be about 5 mm.

Wait 1-2 days (at 20 ° C), wet the wall substrate to saturation (to avoid shrinkage cracks), wait for the surface to dry, and then apply, with normal manual or mechanical equipment, **Limepor PLUS** after creating necessary guides and everything needed for a perfect installation.

For mechanical plastering mix in the machine as a common pre-mixed material. For manual application, mix in a cement mixer for no more than 5 minutes. For the preparation of the product it is advisable to introduce the necessary 3/4 of the water into the mixer, adding the product and the remaining water continuously until the desired consistency is achieved. Respect the consumption rates indicated in the Technical Data Sheet.

If it is necessary to make thick plasters, it is recommended to apply successive coats of maximum 3 cm after the previous layer has cured, to avoid the application of fresh plaster coatings in too thick layers that may be affected by sliding movements during the curing, or differentiated drying between surface and internal mass that could cause the formation of micro-cracks and the reduction of the adherence of the plaster to the substrate. The plaster will be finished with a trowel in order to prepare the surfaces for subsequent processing.

4) SKIMMING

Apply the product in two layers: the first to be spread with a smooth metal spatula, applying an energetic pressure; the final coat can be skimmed with a sponge float or a metal spatula for a very smooth finish.

In the case of heavy thicknesses and non-homogeneous or weak substrates, it is advisable to insert in the chosen finishing coat suitable reinforcing mesh such as **Kimitech 350**.

5) POSSIBLE FINISH COATINGS

Any final painting must be carried out when the surface is completely dry and using vapor permeable products.