

Gypsum powder Light Plaster 800

Industrial Plaster

Light gypsum plaster based on gypsum and perlite, having high covering capability and low bulk density, meeting the requirements of Standard 3970. Bearing a Standard Mark and a Green Mark.



Main Properties and Adjustment:

- Readymade mixture of white gypsum plaster for application on internal walls without a base layer.
- Suitable for internal application only, either manually or by means of machine.
- Easy application and convenient smoothing, enables very high work volumes.
- Light, does not shrink or crack, "breathing" capability, enabling passage of water vapors and excellent adhesion to substrate.
- Can be smoothed, allowing painting without need for skim coating.
- Can be applied in 3-50 mm. thickness in a single layer



Packaging:	25 Kg. paper bag
Consumption:	approx. 0.8 kg/m ² in 1 mm. thickness
Composition:	gypsum, perlite, aggregates and polymeric admixtures
Substrate:	suitable for application on, concrete blocks, Ytong blocks, gypsum block, gypsum boards, silicate bricks etc

Technical Data:

Fineness of grains	The entire material undergoes sieving of 1 mm.
Compressive strength after 28 days	2 MPa
Bulk density of hardened plaster after 28 days	Approx. 800 g./liter
Adhesion of plaster to substrates of Ytong, concrete and concrete blocks	Above 0.15 -0.4 MPa

Application:

- Clean substrate from dust, dirt, oils, loose parts, construction residues, cut off metal wires.
- Brush the wall with water several hours prior to application.
- If the gypsum plaster is applied to a substrate such as smooth concrete, ceilings, apply Primer 121 with a roller / brush.
- Fix rulers by means of Light Gypsum Plaster 800 to obtain uniform planar.
- Apply plaster 800 for as long as the primer is wet, In the event that the primer dries out, the application of primer should be repeated one more time

Manual Application:

- Pour into the mixing container approx. 17-18 liter of water. Slowly add the entire 25 Kg. contents of Light Gypsum Plaster 800, while mixing in a mechanical mixer to obtain a uniform mixture. Wait for 3 minutes and mix again.
- Water quantities could vary, despite the stated above, due to changes of weather, etc. In any event, the appropriate workability level ought to be achieved

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Working With Machine:

- Water consumption should be adjusted to the desirable workability.
- After spraying the gypsum plaster and maximum filling of the wall, it should be leveled by means of an aluminum ruler, while returning residues of gypsum plaster for repeated filling of missing segments.
- After hardening and initial drying of about 4 hours, the filling layer should be scraped by means of a leveling flat tool in order to increase the face surface and remove surplus plaster parts.
- It is advisable to wet the wall prior to smoothing.
- Application with a trowel of a smoothing layer of Light Gypsum Plaster 800 in thickness of not under 3 mm. until obtaining smooth and uniform finish.
- After maximum drying of the smoothed layer, it should be wetted with water and rubbed in rotation with an appropriate rubber sponge. A metal trowel should be used for final smoothing.

Curing:

No curing is necessary

Precautions:

- Should not be applied in surface temperatures under 5°C or above 35°C.
- Do not add water to a drying mix.
- Application of about 30 cm. above floor level.
- **Not for application in bathrooms, external walls, terraces and rooms, characterized by high moisture.**

Cleaning: Tools and hands should be cleaned with= running water, for as long as the material is fresh.

Storage: In its original package in a shaded and dry location.

Shelf Life: Up to 6 months from the production date.

The Technical Service Department is available to our customers for consultation and guidance. The materials marketed by us are made of the finest components and are under close quality control. However, liability for the adjustment of the material to its use is imposed on the user only. We recommend in any event testing the adjustment of the material to the sought application prior to its use

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