

# PLASTER GYPSUM 794

Industrial Plaster

White gypsum plaster for leveling and smoothing internal walls. Meeting the requirements of Israeli Standards 3970 and 5075. Suitable for application in shielded spaces, bearing a Standard Mark and a Green Mark.



## Main Properties and Adjustment:

- Suitable for internal application only, either manually or by means of a machine.
- Easy and convenient application and smoothing, enables very high work volumes.
- Does not crack, allows passage of water vapors and presents excellent adhesion to substrate.
- Smooth texture, enabling to paint without preliminary smoothing or application of an additional finish layer.



<b>Packaging:</b>	30 Kg. paper bag
<b>Consumption:</b>	approx. 1 kg /m <sup>2</sup> in 1 mm. thickness
<b>Composition:</b>	gypsum, graded aggregates and polymeric admixtures
<b>Substrate:</b>	suitable for application on precast concrete walls, concrete blocks, Ytong blocks gypsum blocks, gypsum boards, etc

## Technical Data:

Compressive strength after 7 days	Above 2 MPa
Bulk density of hardened plaster after 28 days	Approx. 1 kg./liter
Adhesion of plaster to substrates of Ytong, concrete and concrete blocks	Above 0.4 MPa

## Application:

- Clean substrate from dust, dirt, oils, loose parts, construction residues, cut off metal wires.
- Rinse the wall with water several hours prior to application.

## Working with Plaster Machine

- The appropriate workability level ought to be achieved.
- 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.
- The wall should be wetted prior to smoothing.
- Application with a trowel of a smoothing layer of Plaster 794 in thickness of not under 3 mm. until obtaining smooth and uniform finish.

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- After maximum drying of the smoothed layer, it should be wetted with water and rubbed in rotation with an appropriate sponge.
- A metal trowel should be used for final smoothing.

### Working With Bages:

- Pour into the mixing container approx. 16 liter of water. Slowly add the entire 30 Kg. contents of the bag, 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.

### Thickness of Layers:

- Up to 7 mm. without a mesh, including the final finish layer.
- Up to 17 mm-interglass mesh 2.8x2.8 mm+2 mm. gypsum plaster above mesh.
- 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 Plaster Gypsum 794 to obtain uniform thickness.
- Apply plaster 794 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

### Curing:

No need for curing.

### Precautions:

- Material 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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