

Cement plaster Galaxy 10

External/Internal

Qualitative plaster, based on white cement, enriched with polymers, and suitable for leveling interior and exterior walls according to the requirements of Israeli Standard 1920. Serves as substrate for rigid covering, paint and colorful skim coat. Suitable for swimming pools



Main Properties and Adjustment:

- Suitable for application as sealing plaster in wet rooms, suitable for application in swimming pools, water reservoirs, due to prevention of water passage, enabling to use it as a first coat.
- Leveling plaster suitable for application on Galaxy 20, precast concrete, concrete blocks, Ytong, etc.
- Preventing water passage.
- Meeting the requirements of the Israeli standard for use in normal and maritime environments.
- Easy and convenient application, improved flexibility, "breathing" capability, enabling passage of water vapors and excellent adhesion to substrate.
- Recommended for mechanical application



Packaging:	25 Kg. paper bag, 30 ton in bulk
Consumption:	Approx. 14 kg/ m ² in 10 mm. thickness
Composition:	white cement, graded aggregates and polymeric admixtures
Substrate:	suitable for application on Galaxy 20, concrete, concrete blocks, Ytong, etc

Technical Data:

Flexural strength after 28 days	2-3 MPa
Compressive strength after 28 days	4-6 MPa
Adhesion to concrete + base layer	Approx. 1.3 MPa
Adhesion to concrete block	Approx 1.2 MPa
Adhesion to Ytong block	Approx 0.6 MPa
Resistance to passage of water vapors	Max. 2
Capillary absorbance ratio	Approx. 0.6-0.9 kg/m ² for 90 minutes.
Restraint shrinkage	Without cracks in the ring

Application:

- The areas intended for plaster application will be flat and adjusted to the planning.
- Weak layers, bulges and foreign objects should be removed, binding wires should be cut off, gaps between blocks should be closed, while thoroughly washing, removing dust, dirt and oils.
- Apply a layer of Galaxy 20 in 5-8 mm. thickness according to Standard 1920, Part 2.
- After initial drying, curing should be executed for 3 days, 3 times a day (when it is hot or in case of strong winds, the number of curing cycles and the quantity of water in each curing should be increased), while waiting 24 hours prior to application of Galaxy 10.
- In order to assure uniform thickness of the Galaxy 10, permanent metal rulers or extractable wooden rulers should be fixed according to the necessary thickness.

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Manual Application:

- Pour into the mixing container approx. 4-6 liter of water. Slowly add the entire 25 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.

Working With Machine:

- Water consumption should be adjusted to the desirable workability.
- Plaster application according to Standard 1920.

Thickness of Layers:

- Galaxy 20 – 5-8 mm. thickness.
- Galaxy 10 – 6-25 mm. thickness, as a leveling layer.
- Finish layer will be applied in External Putty 633, External-Internal Putty 634, paint or colorful skim coat.
- In covering of tiles – adhesion 100/116/132.
- In swimming pools: sealing material should be applied on Galaxy 10 plaster (see swimming pool specification).

Precautions:

It is recommended to provide shading around the scaffold to maintain convenient work environment, protected against weather conditions.

Curing:

Curing should be started after initial drying, executed for 3 days, 3 times a day continuously (when it is hot or when there are strong winds, the number of curing cycles and the quantity of water in each curing should be increased).

Precautions

- The plaster should not be applied in surface temperatures under 5°C or above 35°C.
- Galaxy 10 should not be applied when it is raining or in case of strong winds.
- Do not add water to a drying mix.

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 9 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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