

# Cement plaster Galaxy 20

External/Internal

Qualitative plaster, based on white cement, enriched with polymers. Serving as initial sealing layer for interior/exterior walls, wet rooms, swimming pools, water reservoirs etc. According to the requirements of Israeli Standard 1920. Serves as substrate for rigid covering.



## Main Properties and Adjustment:

- Suitable for application of concrete walls, concrete blocks, Ytong blocks, etc. Can be applied with a plaster machine or manually.
- Intended for use as a first sealing layer on the wall and as a bonding layer to the leveling plaster.
- Preventing water passage.
- Serving as substrate for rigid coverings, according to the requirements of Standard 1920. For use in maritime and normal environments.
- Easy and convenient application, low depreciation and especially high strength.
- Easy and convenient application, improved flexibility, "breathing" capability, enabling passage of water vapors and excellent adhesion to substrate



<b>Packaging:</b>	25 Kg. paper bag
<b>Consumption:</b>	Approx. 7 kg/m <sup>2</sup> in 5 mm. thickness
<b>Composition:</b>	white cement, quartz sand and special polymeric admixtures
<b>Substrate:</b>	suitable for application on concrete, concrete blocks, Ytong, etc

## Technical Data:

Flexural strength after 28 days	3-4 MPa
Compressive strength after 28 days	12-14 MPa
Capillary absorbance ratio	Approx. 0.60 kg/m <sup>2</sup> for 90 minutes.
Adhesion to concrete	1.5 MPa
Adhesion to concrete block	0.9-1.5 MPa
Adhesion to Ytong block	0.6 MPa
Restraint shrinkage	Without cracks in the ring

## Application:

- Clean substrate from dust, dirt, oils, loose parts, construction residues, cut off metal wires.
- Rinse the wall with water prior to application of Galaxy 20
- Fill gaps and openings between blocks with Galaxy 20

## Manual Application:

- Pour into the mixing container approx. 4-5 liter of water. Slowly add the entire 25 Kg. contents of Galaxy 20, while mixing 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 a Plaster Machine:

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

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## 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 covering, it is possible to adhere directly on Galaxy 20).
- In swimming pools: sealing material should be applied above Galaxy 10 plaster (see swimming pool specification)

## Precautions:

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

## Curing:

- Curing should be started after initial drying, about an hour after scrapping.
- Curing should be 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 20 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.



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