

Delta Plaster (A)

Cement based, high quality, ready mixed, spatter dash (Tartasha) mortar for plastering on masonry blocks and concrete substrates.

Description

DELTA PLASTER A is a mixture of Prompt Cement, Hydraulic Lime and graded siliceous sand. The product is pre-blended and ready for mixing on site by just adding water, to produce a non-shrink, flexible, easy to apply scratch coat, over a well-prepared substrate (concrete, bricks or stones).



Standards

DELTA PLASTER A is formulated to comply with:

- The Egyptian Standards for Plastering.
- ASTM C-926
- DIN 18550

Advantages

- Easy to use and apply. Only requires the addition of water on site for ease of use.
- Raw materials are selected according to the highest quality control standards.
- Exact mixing ratios and homogeneity of the blend, due to factory fully computerized production process.
- The simplicity of usage and application gives very high productivity rates.
- Excellent bonding characteristics to masonry blocks and concrete walls and ceilings.
- Maximum protection against salt formation or efflorescence compared with conventional plasters.

Technical Data

Base Portland cement and well graded clean silica sand.

Color	Gray
Compressive Strength	> 5 N/mm ² @ 28 days
Powder Density	Approx. 1.7 kg/lit.
Pot life	Approx. 45 minutes at 25° C.

Mix Proportions

Approx. 7 ± 0.25 litres of water/ 40 kg bag.

Coverage

Approx. 3-5 kg/m² for 5-7 mm thickness

Surface Preparation

Brick & block walls and traditional concrete walls and ceilings are the recommended substrates that can be plastered with Delta Plaster. In case of fair face concrete substrates, use Delta Plaster. All substrates should be in a good and strong condition. All substrates should also be clean and free from any loose particles, dust, oil, grease, curing agents, or paint. If the substrate is dry and in hot weather, pre-wet the surface prior to application, without leaving excess water.

Application procedures

- The whole contents of the bag should be mixed together with water, in one container using a hand drill equipped with mixing blade or high shear stationary mixer.
- Partial small amounts may be mixed manually, with a trowel, or other suitable hand mixing tools.
- Add 7 liters of fresh cool, clean water in one deep container. Then, add the contents of the 40 kg bag gradually and mix till the mixture is uniform and free of lumps.
- **DELTA PLASTER A** should be immediately applied on the surface to be plastered, while the mortar is fresh and workable.
- Apply **DELTA PLASTER A** to the prepared surface either using manual spray machine or conventional hand application.
- Apply one coat of **DELTA PLASTER A** in a spatter dash form at thickness up to 5 mm, using manual spray machine or conventional hand application to produce rough textured surface.
- Cure for 24 hours by spraying water on it (minimum twice/day and according to weather conditions).
- Spatter dash coat **DELTA PLASTER A** should be washed with water to remove dust, prior to filling with base coat plaster.
- In case of fair face concrete substrates, use **DELTA PLASTER A** mixed with Dry Bond 540.
- The spatter dash coat made of **DELTA PLASTER A** should be filled with base coat plaster using **DELTA PLASTER B** within maximum 4 weeks after application.

Storage

Shelf life is 12 months from manufacturing date, in a dry, covered storage area.

Health and Safety

While using the product, gloves and goggles should be worn. Splashes to skin or eyes should be washed with clean water, in case of prolonged irritation, seek medical advice.

