

WHITE SAND

Construction Chemicals

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Method Statement



WHITE SAND PLASTER MIX

Ready-to-use Cement-based Plaster for Interior and Exterior Use



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سعودية



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White Sand Co. for Industry

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Cement-based Plaster for Interior and Exterior Use

METHOD STATEMENT

Section A: General Considerations

Tools and Equipment.

It is recommended that the following list of tools and equipment is adopted.

Type	Description
Protective Clothing	- Good quality clothes, gloves, and eye protection.
Mixing Tools	- Suitable size mixing vessel. - Mechanical plaster mixer or low-speed electrical drill fitted with a suitable paddle.
Application Tools	- Trowel. - Appropriate spray machine fitted with suitable nozzle sizes.

High temperature working.

In case the temperatures above 35 c, the following guidelines should be adopted as a good working practice:

1. Store unmixed materials in a cool environment, avoid exposure to direct sunlight.
2. it is very important to keep the mixing equipment in a cool condition.
3. Avoid application during hottest time of the day, arrange temporary shading if necessary.
4. Provide sufficient material and labors to ensure a continuous application process.

Application – points of note.

WHITE SAND operates a policy to encourage the use, where possible, of approved or licensed applicators.

This ensures that repairs are completed satisfactorily so that the long-term performance of the material is assured.

For contractors who wish to apply the materials themselves, WHITE SAND is able to offer technical assistance and training.



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Section B: Application Instructions

1.0 Surface preparation.

- 1.1 The substrate should sound, clean, free from loose materials, grease, laitance, dirt, curing compounds, or any other contaminants that may impair the quality of substrate bonding.
- 1.2 Before White Sand Plaster Mix application, damp the entire surfaces with clean potable water.
- 1.3 The substrate should be neutralized surface the time of White Sand Plaster Mix application.

2.0 Mixing.

- 2.1 Add to the mixing container 4.5 – 5.0 kg of water for each 25 kg bag of White Sand Plaster Mix.
- 2.2 Add the powder to the water and mix with a mechanical plaster mixer at a low-speed electric drill fitted with a suitable paddle for 3 – 4 minutes until achieving a uniform, lump-free consistency.
- 2.3 Do not add water to the mix once the mixed mortar starts to harden.
- 2.4 Mixed Material has to be used within its pot life.

3.0 Smooth Concrete Surfaces.

- 3.1 Apply White Sand Spatter Dash prior to the application of White Sand Plaster Mix.



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4.0 Application.

- 4.1 The mixed White Sand Plaster Mix can be applied by traditional hand applications or by modern plastering machines to increase the productivity.
- 4.2 For hand application, place and compact the mixed material onto the substrate surface using steel trowel.
- 4.3 Trowel into place and allow the material to stiffen before next lift.
- 4.4 Finish the applied White Sand Plaster Mix to match the surrounding area using wooden or plastic floats.
- 4.5 Do not use water during the finishing stage. Use only damp sponge if required.

5.0 Curing.

- 5.1 In normal conditions, keep the applied surface moist, cure White Sand Plaster Mix by spraying the applied material surface with water every 12 hours for a minimum of 3 days.
- 5.2 Under high temperature and dry conditions or strong wind, allow curing for a minimum of 5 days. This will help to obtain high mechanical strengths and minimize the risk of surface cracks.

6.0 Cleaning.

- 6.1 Clean all tools and equipment immediately after finishing with water. Hardened materials will need to be cleaned mechanically.



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7. Limitations

- 7.1 Do not mix with any additives or products unless recommended by WHITE SAND.
- 7.2 Make sure the substrate is suitable for the plaster application. In case of doubt, try on the sample area to assess its suitability or contact WHITE SAND representative.
- 7.3 Do not apply the material at a temperature lower than +5 C. During the summer season, the working area must be covered to prevent the negative effects of direct sun and excessive air-draught during the initial curing stage.

Section C: Approvals and Variations

This method statement is offered by WHITE SAND as a Standard Proposal for the application of White Sand Plaster Mix. It remains the responsibility of the Engineer to determine the correct method for any given application.

WHITE SAND will not accept responsibility or liability for variations to the above method statement under any other conditions.

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