

Ducon Fairface Plaster

TECHNICAL DATA SHEET (TDS)



Plastering Solution for Fair Face Plaster

DESCRIPTION

Ducon Fairface Plaster is a dry pre mix cement plaster/render for internal and external use. It is specially designed for aerated light weight blocks and calcium silicate blocks. The applied thickness of the product is between 8mm to 10mm. The product is ideal for internal and external application. **Ducon Fairface Plaster** can easily be applied with a suitable plastering machine or by hand in accordance with BS EN 13914- 1 & BS EN 13914-2. **Ducon Fairface Plaster** consists of Ordinary Portland Cement, Hydrated-Lime, processed sand and chemical additives including Cellulose fibers.

RECOMMENDED USE

- Internal & external plaster on block walls and rough surfaces.
- Plastering on fair faced concrete and precast panels subsequent to Spatter Dash SB scratch coat.

FEATURES & BENEFITS

- Fast mixing application using plaster machine.
- Contains special additive that reduces friction and prolongs lifespan of equipment.
- Requires only addition of water on-site at the time of usage.
- Uniform color/mass.
- Improved workability & curing.
- Easy application with uniform work flow enables high productivity & superior finishing.
- Strong adhesion on variety of substrates.
- Shrinkage control reduces surface cracks Suitable for humid & dry conditions.

PROPERTIES

Binder	Ordinary Portland Cement
Aggregate Size	3.0 mm Processed Sand
Appearance	Grey Colored Granular Powder
Mixing Ratio	4.25 Ltr Water Per 25Kg Bag Water/Powder Ratio – 0.17
Density	Wet: 1.78Kg/Ltr; Dry: 1.65Kg/Ltr
Compressive Strength	2.50 N/mm ² @ 28 days
Flexural Strength	1.0 N/ mm ² @ 28 days
Working Time	Approx. 30 Minutes
Specification	BS 5262, 5492, BSEN 1015, DIN 18550, ASTM

METHOD OF APPLICATION

1. Surface Preparation

The substrate should be sound, clean, free from loose material, grease, laitance, dirt curing compound, or any other substance that might impair the substrate's quality of the bond. Before the **Ducon Fairface Plaster** application, wet the entire surfaces with potable water. The substrate should be neutralized surface at the time of the **Ducon Fairface Plaster** application.

Statement of Responsibility (Disclaimer)

The technical information and application advise are based on present state of our best scientific and practical knowledge. As the information herein of a general nature, no assumption can be made as to a products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

Ducon Polymer Flooring (DPF)

www.dpf-asia.com

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MIXING

Ducon Fairface Plaster supplied in 25 kg has to be mixed with potable water only, in a clean plastic bucket or a clean non-corrosive, uncontaminated metal tub. To ensure a homogeneous and uniform mix, an electric agitator must be used. The amount of water to be added is 4 - 4.5 liters per 25 kg bag (i.e. approx. 18% by weight). Add the **Ducon Fairface Plaster** to water, turn the contents of the bag carefully and stir frequently. Once mixed, allow to stand for 5 minutes and mix again before applying. No further water should be added to the mix. Hard and set plaster should not be re-mixed or used. If a plaster spray machine is used, the mixing is carried out automatically.

APPLICATION GUIDELINES

Ducon Fairface Plaster mixed as above can be applied onto the prepared surface in one coat to a thickness of 8-19mm and finished by felting or floating. If a plaster machine is used, then the plaster is applied in a continuous operation and finished manually to the specified thickness to meet the requirements of BS 5262/5492. Application team shall assist in these procedures upon request.

CURING

Ducon Fairface Plaster treated concrete must be protected to prevent premature moisture loss and crazing immediately after final finishing. Minimum 48 hours by potable water.

PACKAGING

Ducon Fairface Plaster is packed in 25kg moisture resistant bags.

COVERAGE

1.6m² per 25 kg bag at 10mm thickness and it depends on site conditions.

STORAGE & SELF LIFE

12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.

LIMITATIONS

At temperatures above 35°C, it is recommended that measures are taken to reduce material placing temperatures. These include, storing materials and equipment's under cool shade and away from direct sunlight. Avoid installation during the hottest part of the day. Ensure that water temperature is kept below 20°C. Should not be used in unrestrained area.

HEALTH AND SAFETY

This product contains cement powders which, when mixed with water or upon becoming damp, release alkalis that can be harmful to skin. During use, avoid inhalation of the dust and contact with the skin or eyes. Gloves, goggles and suitable mask must be worn. Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately. Regarded as non-hazardous for transportation. Do not reuse containers. To be disposed of as per local rules and regulations.

CLEANING

Clean all equipment and tools with water immediately after use. Hardened material can be removed mechanically.

QUALITY AND CARE

Ducon Construction Chemicals Industries Ltd. Acquired German technology for an updated production facility and set up a state of the art laboratory facility for conducting regular quality assessments on raw materials procured and finished products. Process from procurement of raw materials to finished products, are managed by qualified and experienced engineers, chemists and technicians.

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