

PIOREP PLASTER

Premix cement-based plaster

DESCRIPTION

PIOREP PLASTER is a cementitious dry mix plaster, used to carry out traditional plastering works in a clean and efficient manner, while keeping a homogenous mix. Due to its high additive content, it allows for better shrinkage control as well as good workability and curing. **PIOREP PLASTER** has very good moisture retention and optimum mechanical properties.

USAGES

- Designed for manual or hand application
- Internally or externally in wet & dry conditions onto block walls & rough surfaces
- Applied on vertical and over-head concrete surfaces that are smooth and also precast concrete surfaces subsequent to the application of the dash render which is recommended for this application.

ADVANTAGES

- Factory controlled pre-blend ensures consistent high quality
- Requires only addition of water on site at the time of usage
- Improved workability & curing
- Easy application with uniform workflow enables high productivity & superior finishing
- Strong adhesion on variety of substrates
- Internal and external applications
- Weather resistant
- Shrinkage control reduces surface cracks
- Suitable for humid & dry conditions
- Excellent abrasion resistance
- Formulated for the Middle East climate

TECHNICAL DATA

PIOREP PLASTER

Typical values

Appearance	Grey Powder
Compressive Strength (ASTM C109) @day 28	4 N/mm ²
Flexural Strength (ASTM C348)	1 N/mm ²
Tensile Strength	≥ 0.3 N/mm ²
Bulk Density	1.7 kg/liter
Wet Density	1.9 kg/liter
Pot Life @25°C	2 hours
Grain Size	≤ 1.6 mm
Working life	45 – 60 min
Finishing time	45 – 120 min

USAGE INSTRUCTIONS

1. Surface preparation

All substrates shall be sound, clean, free from dust, grease, oil and dirt, the concrete substrates shall be saturated with water prior to application.

PIOREP PLASTER is recommended to be applied on block works without using **PIOREP Spatter Dash** key coat. However, key coat must be applied on smooth concrete or AAC blocks prior to application of **PIOREP PLASTER**.

Please refer to **PIOREP Spatter Dash** TDS for more details.

2. Mixing

Put 9-10 liters of clean water in the mixing vessel and gradually add full bag of **PIOREP PLASTER** while mixing, continue till homogenous & free from lumps mortar is obtained.

PIOREP PLASTER

Water/ 50 kg bag	9 – 10 liters
Consumption/ 50 kg bag	2.1m ² /2cm
Yield	650 l/ton

STANDARDS

PIOREP PLASTER is formulated to comply with all requirements of ASTM C-932, ASTM C926, C897, BS EN 196, BS5262, BS5492.

3. Application

The plaster is now ready for application with a plastering trowel. Apply the plaster on the prepared surface at a thickness between 10-25 mm in one layer on concrete blocks.

If more thicknesses are required, the application should be done in 2 layers. Leave the first layer rough, allow it to cure for 3 days then apply second layer.

Finish the surface with a soft synthetic sponge or wooden/plastic float. Let the product set properly on the surface before any curing.

4. Curing

PIOREP PLASTER is a cement-based material, that should be cured properly by spraying water for 3 days.

Using **ENECURE WB** curing compound is recommended.

PACKAGING

PIOREP PLASTER is supplied in 50 kg bags.

HEALTH & SAFETY

PIOREP PLASTER is non-toxic and non-hazardous, if material comes in contact with skin; cleaning with water and soap is recommended.

For Ecology: Do not dispose directly to water or soil, re-use it if possible or mix with water and wait until it hardens then bury it in landfill in accordance with national regulation.

STORAGE & SHELF LIFE

PIOREP PLASTER shall be stored in normal conditions away from extreme temperatures, and any source of moisture. Shelf – life is 12-months.

TECHNICAL SERVICE

The technical service department of Arkaz is available to assist in the correct and best use of our products, these resources and advice are at your disposal entirely without obligation.

Please contact:
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