



# ARACO COLORED PLASTER

## Pigmented Textured Decorative Façade Finish

### Product Description

**ARACO COLORED PLASTER** is a high quality, cement based plaster coat, composed of hydraulic binders, selected aggregates special pigments and high performance additives. It is supplied in a dry powder bags ready to use, which only requires the addition of clean water to produce cohesive mortar.

**ARACO COLORED PLASTER** can be applied in 20 mm thickness of single layer, however it is recommended for two coat application of 10 mm each.

### Standards Compliance

- BS:EN 998
- ASTM C348:C349
- ASTM C 926

### Uses

**ARACO COLORED PLASTER** can be used:

- Internally and externally in wet and dry conditions on blocks walls and rough surfaces.
- On concrete surfaces that are smooth and also precast concrete surfaces with scratch coat applied first.

### Advantages

- Uniform color
- Improved workability and curing
- Strong adhesion on variety of substrates
- Suitable for humid conditions
- Suitable for vertical and ceiling surfaces
- Available in smooth and rough texture
- Resistant to extreme weather conditions.
- Color stability against U.V

### Product Data

Appearance	Colored powder
Max agg. size	Up to 2.4mm
Wet density	1.9 kg/liter
Applicable thickness	3 to 20mm
Pot life	25 min
Storage life	Store in a dry shaded area at temperature between 5°C and 35°C.
Shelf life	Original Sealed container has a shelf life of 12 months if stored in the right conditions



### ARACO COLORED PLASTER

PACKAGE **50 kg**

APPLICATION RATE

3.5 to 5 kg/m<sup>2</sup> - rough texture

3 to 3.5 kg/m<sup>2</sup> - smooth texture

### Surface Preparation

Substrate should be sound, clear, free from loose material, grease, laitance, dirt curing compound, etc. Prior to the application of **ARACO COLORED PLASTER**, wet the entire surfaces with clean potable water and surface should look damp at the time of **ARACO COLORED PLASTER** application. All holes and deep cracks should be repaired by the means of **ARACO REPAIR SYSTEM**

### Mixing

For each **ARACO COLORED PLASTER** 50 kg bag, add 9 to 10 liters of potable water. Mix the ingredients using an electric drill with low rotation speed (300rpm) until a lump free homogeneous mixture is obtained. Allow the mixture to stand for 2-3 minutes before starting application.

### Application

**ARACO COLORED PLASTER** can be applied in a single or two coats on a rough or smooth surfaces by manual or machine application to achieve desired thickness 3-20mm.

Apply mixed material using spray machine or hawk& trowel technique. Rod or screed to uniform thickness, not exceeding 20mm for a single coat or 10mm each coat for multiple layers. First layer should be pressed hard against the surface.

For a second layer: allow the first layer to partially set (60 -120 min depending on the weather).apply second layer as describe above.

Water spray the surface if second layer is carried out the next day

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### TECHNICAL DATA

TECHNICAL DATA	Results	Standard
Compressive Strength		
At 28 days	>17 N/mm <sup>2</sup>	ASTM C109
Flexural strength at 28 days		
In Standard Condition	>7 N/mm <sup>2</sup>	ASTM C307
Bond Strength		
Average	1 N/mm <sup>2</sup>	ASTM D4541
Shrinkage		
Average	1.33mm/m <sup>2</sup>	DIN1048

### Curing

It is recommended to cure ARACO COLORED PLASTER by spraying water evenly on the surfaces of applied material every 12 hrs. for a minimum of 3 days. During hot and dry conditions allow curing for a minimum of 5 days. It will help to obtain a high mechanical strengths.

### Safety instructions

Product may cause skin irritation. Wear gloves and goggles and apply barrier cream to hands. In contact with eyes or mucous membrane, flush immediately with plenty of warm water and seek medical attention without delay.

### Legal notes

The information, recommendations and application - based on ARACO current knowledge and experience of the products when properly stored, handled and applied under normal conditions. ARACO products are guaranteed against defective materials and manufacture and are sold subject to its standard conditions. Users should always refer to the most recent Technical Data Sheet for the product concerned, copies of which will be supplied on request.

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