

# SUPER PLAST C6

## Polymer Modified, Flexible Skim Coat

### Description

**SUPER PLAST C6** is a polymer modified cement-based skim coat for leveling and smooth finishing over cement renders and concrete substrates. It can be applied by hand or spray machine.

**SUPER PLAST C6** is specially formulated from Portland cement, graded silica, polymer resin, lime, fiber reinforcement and special additives to provide high workability and adhesion with water resistance. It is recommended for applications in a thickness up to 6 mm per layer.

### Features & Benefits

- Ready mix, controlled quality
- Easy to apply manually or with spray machine
- Water resistant, for internal and external applications.
- Excellent Workability
- Shrinkage controlled
- Good bond strength on cement/concrete surfaces.
- Suitable for hot weather.

### Uses

**SUPER PLAST C6** can be applied as a thin coat plaster in thickness up to 6 mm in a single layer.

It can be used internally and externally on cement/concrete surfaces.

It can be applied on ceilings and walls as thin plastering layer.

Suitable for smoothing surfaces before painting.

Can be applied on AAC block and bricks

### Technical Properties

Appearance	Fine powder
Color	Grey, White
Mix Density	1,700 Kg/m <sup>3</sup> approx.
Compressive strength	13 N/mm <sup>2</sup> @ 28 days
Flexural Strength	3 N/mm <sup>2</sup> @ 28 days
Adhesion to surface	≥0.45 N/mm <sup>2</sup> @ 28 days

Workability time	45 min @ 25 °C
Time to wait before painting	14 days

All values are subject to 5-10% tolerance

### Standards Compliance:

- ASTM C897, C150 & C926
- BS 5492, 1881
- BSEN 13914- I & II

### Application Procedures

#### Surface preparation:

Concrete substrate must be structurally sound. Loose or unsound concrete should be removed. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits.

After surface preparation has been completed, the substrate should be soaked with water and not allowed to dry out. It should be in a saturated surface dry (damp) condition at the time of application of **SUPER PLAST C6**.

#### Mixing Instructions:

**SUPER PLAST C6** bag of 25kg should be mixed with 5 - 5.5 ltr of clean water, use suitable low speed electrical mixer with mixing speed of 200-300 rpm until a uniform lumps free consistency mix achieved. Leave the mix to stand for 5 minutes and remix before use.

In case of application by using spray machine, adjust the water level to get suitable mix viscosity with uniform consistency.

#### Application Instructions:

The mixed material should be applied immediately after mixing is completed. Apply using a steel trowel or spray machine to the required thickness; allow to partially stiffen, then finish using a trowel to achieve a uniform dense surface. Do not use water to finish the surface. if

thickness higher than 6mm is required to be achieve, apply SUPER PLAST C6 in two layers. Apply the first layer in rough finish. Apply the second layer after minimum 24 hours then smooth finish with trowel.

### Curing

The applied skim coat should be cured with clean water for 2 days.

### Coverage

1.7 kg of **SUPER PLAST C6** will cover 1 m<sup>2</sup> at thickness of 1mm.

### Packaging

**SUPER PLAST C6** is available in 25kg bag.

### Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

### Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

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