

# Rocky Plast 200

## Description

ROCKY PLAST 200 is a cement mortar composed of bonding agents, fiber, lime, additives and synthetic resins which gives the product the characteristics of perfect adhesion to the support, easy workability and weather resistance.

## Use

ROCKY PLAST 200 is used as thin Plaster layer on walls and ceiling for both internal and external application, for uneven walls smoothing, leveling walls, etc. It can be applied directly on AAC Block as well as concrete walls without the need of rush coat.

## Advantages

- Factory controlled pre-blend ensures consistent high quality
- Requires only addition of water on site at the time of usage
- Strong adhesion on variety of substrate
- Shrinkage controlled, reduces surface cracks
- Mineral based non-hazardous
- VOC compliant

## Compliance Standard

- BS 5262, BS 5492
- ASTM C 387, ASTM C109

## Technical Properties

Appearance	Powder
Color	grey or white
Density at 25°C	1.6 kg/L
VOC	2 g/L
Adhesion to concrete surface	> 0.5 N/mm <sup>2</sup>
Compressive strength	> 10 N/mm <sup>2</sup>
Compatibility with adhesive	Excellent
Time of initial setting at 25°C	1.30 – 2.00 hours
Time of final setting at 25°C	3.30 – 4.00 hours
Final setting after	28 days

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## Mixing

Pour 8-9 Liters of clean water into a cement mixer drum. Add 50 Kg bag of ROCKY PLAST 200 into the drum and mix till a homogeneous mixture free from lumps is obtained. A low-speed drill fitted with a suitable paddle can also be used for mixing the product. Keep the product for 5 minutes and remix before application.

## Application

Apply the mixture on the substrate with a metallic smooth spatula. Do not apply more than 10 mm coat thickness. For the application of 3-4 mm thick plaster, it is recommended to prime the wall with a mix of ROCKY ADD SBR , an SBR bonding agent, and water at a ratio of (1:1). Apply the mix on the surface while the primer is still tacky. Applied plaster of ROCKY PLAST 200 should be cured for minimum 2 days.

## Cleaning

Tools and equipment should be cleaned with water immediately after use. Hardened materials should be mechanically removed.

## Recommendations

- Do not apply on concrete containing micro-silica or treated with curing compound
- Allow ROCKY PLAST 200 plaster to dry before applying the paint
- During summer season, working area should be covered to prevent the direct sun effects. Keep equipment cool and use a cool water
- Do not add extra water to the mix more than specified. If the mix starts to harden, do not use that mix and prepare a new one
- ROCKY PLAST 200 is a cement-based product. Therefore, standard code of practice for external cementitious rendering should be followed

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## Surface Preparation

- The substrate should be free of loose particles, dust, dirt, grease, oil or paint. Absorbent and porous substrates should be moistened with water prior the application.
- Concrete or block substrates should have been allowed to cure sufficiently. All shrinkage movements should be taken place before the application.
- Saturate the surface with water and wait for the evaporation of excess water before applying the mix.

## Coverage

- ROCKY PLAST 200 is supplied in 50kg multilayer bags.
- Consumption: 1.6kg / m<sup>2</sup> per 1 mm of thickness.

## Shelf Life & Storage

Store in dry covered place in the original closed bags. In these conditions, the product shelf life is 12 months from production date.

## Health & Safety

ROCKY PLAST 200 is a cement-based product; avoid contact with skin or eyes. During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary. In case of contact with skin, rinse with water and again wash thoroughly with soap and water. In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly. If ingested, obtain medical attention immediately.

## Important Note

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