

Rocky Plast 100

Description

ROCKY PLAST 100 is a single component, flexible fiber reinforced cementitious plaster composed of high resistant cement, graded fillers, lime and special additives. It is recommended for internal and external applications with a thickness from 4 to 10 mm in one layer. Due to its content of additives, ROCKY PLAST 100 can be applied directly to primed cementitious or concrete substrates without the need of rush coat. ROCKY PLAST 100 can be applied by traditional hand application or by plastering machines directly on smooth concrete surfaces without the need to roughen the substrates by hacking or by applying rush coat. ROCKY PLAST 100 is an ideal replacement for conventional, sand/cement plaster specially in coastal areas as it is sulphide and chloride resistant.

Use

- AAC (autoclaved aerated concrete blocks) .
- Block walls .
- Smooth concrete walls or ceilings.
- Walls constructed by cement blocks, clay or Bricks.

Advantages

- Easily workable
- High adhesion power
- Excellent elasticity

Compliance Standard

- BS 5262,5492
- ASTM C 387

Technical Properties

Appearance	Powder
Color	Grey
Density at 25°C	1.6 kg/L
VOC	2.3 g/L
pH at 25°C	12
Maximum granulometry	1.18 mm
Pot life	60 minutes
Compressive Strength	16 N / mm ²
Flexural Strength	3 N / mm ²
Time to wait before painting	15 days

Rocky Plast

Mixing

To prepare the mortar, pour 8 - 9 liters of water into a container and add slowly, while mixing 50 Kg of ROCKY PLAST 100 bag.

Mix carefully for some minutes till obtaining a homogeneous mixture free from lumps.

Application

While the primer is still sticky, apply ROCKY PLAST 100 in double coat with smooth spatula or by plastering machine.

To obtain a perfect finishing, the first coat must be applied in thin layer, and while it is still fresh the following coat must be applied to the required thickness.

Once dried at touch, the surface can be finished with smooth or sponge spatula to obtain the essential effect desired.

If a plaster machine is used, the plaster would be applied in a continuous operation and finished manually to the specified thickness.

The recommended applied thickness per coat would be:

- Ceilings 4 – 6 mm
- Internal Walls 4 – 10 mm
- External Walls 7 – 10 mm

Protect the surface from too rapid water evaporation by applying water curing for a minimum of 3 days.

Cleaning

Tools and equipment should be cleaned with water immediately after use.

Hardened materials should be mechanically removed.

Recommendations

- No further water should be added to the mix. Hard and set plaster should not be re-mixed or used
- Do not apply ROCKY PLAST 100 onto gypsum, metallic and wooden supports
- ROCKY PLAST is not colored so the possibility of non-perfectly homogeneous colored finishing exists
- During summer season, working area should be covered to prevent the direct sun effects. Keep equipment cool and use cold water
- The applied plaster must be water cured for a period of 2 days
- Before applying any kind of stucco finish, paint, or wallpaper the plaster must be allowed to dry out completely.
- Should not be applied on floors or on painted surfaces.

Rocky Plast

Surface Preparation

- Concrete or cement block surfaces must be clean, solid and free from dust, grease, curing compound, friable parts, efflorescence, etc.
- Cellular concrete supports must be planar and clean from adhesive residues after block laying.
- Possible chases (as a result of plumbing and electrical works) must be filled with the same adhesive used for laying AAC Block .
- For joints which were previously filled with elastic material like polyurethane foam, a supporting glass-fibers fabric must be applied.
- All the supports must be primed with ROCKY PRIME 200 before applying ROCKY PLAST 100.

Coverage

- ROCKY PLAST 100 is supplied in 50kg bags.
- Consumption: 1.6 Kg. / m² 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 100 is a cement-based product.
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

The information in this Technical Data Sheet is based on Rocky-SCM Canada's experience. Rocky-SCM does not accept any liability arising from the use of its products as it has no direct or continuous control over where or how its products are applied. All Rocky-SCM Data Sheets are updates on regular basis. It is the user's responsibility to obtain the latest version.