

Rocky EIFS

Description

ROCKY EIFS is a high performance, polymer modified Portland cement base which is designed as a synthetic stucco finish and adhesive for expanded polystyrene insulation boards. It is also ideal for embedding fiber glass mesh fabric wherever required.

Use

- EPS Board (Expanded Concrete Backer Board) .
- Masonry .
- Fiber mesh reinforced concrete backer board .
- Brick .
- Metal wire lathe .
- Clean and unpainted concrete .
- Exterior grade gypsum sheathing .
- Embedding fiberglass reinforced mesh fabric.

Advantages

- Excellent adhesion to concrete substrates
- Economical
- Impact resistant
- Single component, requires on site addition of water
- Crack resistant
- Reduces need for control joints
- Water resistance
- Levels surface imperfections

Technical Properties

Appearance	Powder
Color	Grey / White
Density at 25°C	1.8 kg/L
VOC	0.6g/L
pH in water dispersion at 25°C	> 12
Complete curing	very good
Water resistance	very good
Water Absorption	0.16 (Kg/m ² .h 1/2)
Resistance to moisture	Excellent
Resistance to ageing	Excellent
Compressive Strength after 28 days	Up to 15 N / mm ²
Tensile Adhesion Strength: 28 days Standard conditions / 28 days Standard conditions / +2 days water immersion + 2 h drying / 28 days Standard conditions + 2 days water immersion + 7 d drying	0.15 N/mm ² / 0.1 N/mm ² / 0.12 N/mm ²
Toxicity	non-toxic
Vertical sliding	None
Reaction to fire	non-flammable

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Mixing

Pour into container about 5.5 Liters of clean water then slowly add 25kg of ROCKY EIFS and mix till obtaining a homogeneous mix using a slow speed electric drill. Mix till a smooth, trawlable consistency is obtained. Allow the mix to stand for 5 minutes then remix again. Do not use any additives. Do not mix more material than can be applied within product open time. Partial mixing is not recommended.

Application

To fix the insulation board to the wall, apply spots of material to the back of the board at least 5 mm thick and 50 mm in diameter, making sure that the material covers minimum 50% of the board. An alternative method is to cover the entire back of the insulation board with the product using a 10 mm notched trowel. Place insulation board on wall and push firmly. Using a block of wood, apply equal and even pressure to allow maximum bond to be achieved. After fixing the insulation board to the wall, wait for 24 hours before coating the face of the insulation board. Cut the mesh fabric into pieces that are manageable. For lightweight to medium weight fabrics, allow for a 50 mm overlap.

Heavy mesh fabrics do not need to be overlapped; however, care must be taken to fix the edges firmly together. Using a flat stainless-steel trowel, apply Base Coat of ROCKY EIFS to the entire face of the insulation board to a uniform thickness of 2 – 3 mm. Immediately place the reinforcing mesh against the wet ROCKY EIFS mixture. Trowel from the center to the edges with the curve of the mesh against the wall, avoiding wrinkles. Apply until the mesh is fully covered and not visible. The overall minimum Base Coat thickness must be sufficient to fully embed the reinforcing mesh. Allow Rocky EIFS coat with embedded reinforcing mesh to dry hard (normally 24 hrs.) prior to application of decorative topcoat.

Curing

ROCKY EIFS is self-curing. Do not mist with water or damp cure. Under average drying conditions +25 °C and 55% R.H. ROCKY EIFS will dry in 24 hours.

Cleaning

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

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Surface Preparation

Remove all loose concrete, grease, oil, paint, dust, form release agents or any other material that might affect proper bond.

Coverage

- ROCKY EIFS is supplied in 25kg bags.
- Consumption: Each 25kg bag will cover approximately 5 square meters of surface at 3 mm 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 EIFS 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 updated on regular basis. It is the user's responsibility to obtain the latest version.