



OPAL PROOF

DESCRIPTION

OPAL PROOF is a high performance liquid acrylic co-polymer waterproofing. The product provides durability, weather resistance, good flexibility and UV resistance. The color itself gives the both waterproofing functional and decorative. OPAL PROOF can be incorporated with fabric reinforcements to build maximum strength of waterproofing system.

USES

OPAL PROOF is designed for waterproofing of old and new roofs, gutter and structures of most construction materials including concrete. Mortar, steel, zinc, timber, plastic sheet etc.

ADVANTAGE

- Single component, easy to apply .
- Excellent adhesion to substrate
- High flexibility for wide temperature range
- UV resistant
- Seamless forms a complete homogenous waterproofing membrane
- Withstand light foot trafficable
- Extremely durable
- Color decorative itself

TECHNICAL DATA

- Solid contents (ss 5 Pt B2:87): >65%
- Specific gravity: 1.35
- Adhesion to substrate (ASTM D4541:93): >0.5 MPa
- Elongation (ASTM D412:92): >230%
- Tensile strength (ASTM D412:92): 2 MPa
- Water vapour transmission: >8g/m²/24 hrs (ASTM E96:95)
- Crack bridging (ASTM C836:89) 100 cycles: Passed.
- QUV Accelerated weathering: Passed (ASTM G154:2000)(1000 hours)
- Algae resistance (SS 345): No growth

INSTRUCTIONS FOR USE

Substrate preparation

- The substrate must be smooth, sound and free from Irregularities, sharp projections, loose particles, oil, grease, coating, moss, mould and any foreign matter. Roofs should have sufficient falls to avoid ponding on the finished membrane surface.
- Any voids, pinholes in the substrate must be appropriately filled up with a high strength mortar.
- The entire area must be cleaned to remove dust and dirt. Allow the surface to dry thoroughly.

Priming

- Apply the priming coat by Acrylic Primer.
Leave the primer to dry.

Application

- Apply the 1st coat of OPAL PROOF and while it is still wet, roll out the reinforcing matt and press into the wet OPAL PROOF
Allow drying for at least 2 hours.
- Apply the intermediate coat of OPAL PROOF
To completely fill reinforcing matt.
- Apply the final coat of OPAL PROOF
Leave to cure overnight.

COVERAGE

- Acrylic Primer :0.1 kg/m²
- OPAL PROOF : 1.0-1.5 kg./m²

PACKAGING

- 20 litre (25 kgs) per pail.

LIMITATIONS

- OPAL PROOF is not recommended for use in areas of water immersion like swimming pools, spa etc.
- Do not use where negative hydrostatic pressure is evident.
- Surface must not allow water to stagnate.

SHELF LIFE

- Up to 12 months in unopened original container.

STORAGE

- Store in a cool dry place

PRECAUTIONS

- OPAL PROOF is not recommended for use in areas of water immersion like swimming pools, spa etc.
- Do not use where negative hydrostatic pressure is evident.
- Surface must not allow water to stagnate.
- Clean brushes, rollers and trays with water before product dries.