



SIDDHI VINAYAK CONSTRUCTION CHEMICAL PVT. LTD.

TECHNICAL DATA SHEET

CLEAR COATTM **WATER REPELLENT AGENT**

DESCRIPTION

Clear coat is coating material, also known as acrylic polymer, and is widely available. Commonly chosen as a substitute for water repellent on concrete surface, Clear Coat is a high gloss clear fast drying, flexible, protective, and insulating coating designed to protect concrete substrates from atmospheric corrosion, dust, and other common contaminants. Clearcoat is also transparent paint that goes over your base coat and protects it from damage and UV rays. It also gives a glossy finish that deepens the base color quality and lets you easily buff out small scratches. Clear coat is coating material, also known as acrylic polymer, and is widely available. Commonly chosen as a substitute for water repellent on concrete surface.

DOSAGE AND USAGE

The surface area should be dry and clean. Clear Coat water replant agent is applied in thin layers, covering the complete surface. Application by a brush, roller or cloth is also possible. Depending on the porosity and texture of the concrete surface, typical coverage rates of 8 to 10 m² per liter will be obtainable.

ADVANTAGES

- Quick drying, glossy, clear/transparent & flexible coating.
- Forms a tough anti-corrosion, moisture proof, non-reactive protective coating.
- Provides insulation film on surfaces to which applied.
- Provides long term protection.
- Free from ozone depleting substances.
- White spathes will be reduced from surface area.

PACKAGING

- HDPE CANE
- HDPE JAR
- HDPE BARREL

SELF LIFE

12 months from date of production if stored properly in undamaged unopened and original sealed packaging.

STANDARDS

- IS 9103:1999
- ASTM C 494

HANDLING AND STORAGE

- Store in a segregated and approved area. Keep container in a cool, well-ventilated area.
- Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

LIMITATIONS

Clear coat shall not be added to directly cement, do not apply Clear Coat on moist substrates. Freshly applied Clear Coat must be protected from damp, condensation, and water for at least 12 hours.

PROPERTIES

- Chemical Name: ~ synthetic resin polymer base
- Appearance: ~transparent viscous liquid
- Solubility: ~non soluble
- Density: ~0.9KG/L at 25°C
- Solid Content[% Weight]: ~45±1.0
- pH value(23°C): ~>7.5
- Viscosity (cps) ~ 330at 28°C
- Specific gravity~ 0.9±0.02 @ 27°C
- Chloride content: - below 200 ppm

SAFETY PRECAUTIONS

- Keep away from heat. Keep away from sources of ignition. Ground all equipment containing
- Material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In
- Case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice
- Immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from
- Incompatibles such as oxidizing agents.