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POLYMERS BEYOND IMAGINATION...

Created with Science. Built to Protect.



ABOUT US

Phoenixglobalsolutions and
Applecartwealth.com
have done tremendous work in
using the products all ovet India
with our clients KochiMetro,
cochin shipyard-
Appillo tyres to mention
a few using above
products regularly.

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TECHNOLOGY ADVANTAGE

Our coatings are based on a **patented "Grafted Copolymer" technology**, offering significant advantages over conventional coating systems. This innovation allows us to deliver protective coating systems with superior durability, performance, and safety.











PRODUCT RANGE

Anticor SK-03 – Anticorrosion Coating

Anticor CRC - Chemical Resistant Coating

Anticor MRN - Marine Coating

Anticor FR - Fire Retarding Coating

Anticor AG - Antigraffiti Coating

Insulect SK-03 - Electrical Insulation Coating

G-Coat - Cold Galvanizing Coating

Fincare/ Coppercoat - Hvac Coatings

Floorcoat - Industrial Floor Coating

Heatseal - Heat Insulation Coating

Thermshield - High Temperature Resistant Coating

Armcoat 100 - Armament Coating

Aquaproof - Water Proofing Coating For Roofs, Terraces And Slabs

Aquashield - Exterior Wall Waterproofing Coating

Aquaseal – Crack Filling Sealant







ANTICOR SK-03

Anticorrosion Coating

Product Brief

Corrosion is one of the primary reasons for structural damage and unexpected equipment downtime across many industrial sectors.
"ANTICOR SK-03", is a high-performance anti-corrosive coating designed to protect both ferrous and non-ferrous metals. It safeguards assets exposed to harsh weather conditions, moisture, and chemical pollutants. Anticor SK-03 forms a durable protective barrier that helps maintain structural strength, prevent deterioration, and significantly extend the service life of equipment and infrastructure.









Unique Features

- Single-Pack System: Ready-to-use formulation
- Fast Room Temperature Drying: Touch dry in just 30 minutes
- Self-Priming Technology: No primer required
- Versatile Aesthetics: Available in all desired color shades
- Low Maintenance: Easy rectification and touch-up capabilities

Performance Features

- Superior Corrosion Resistance
- Exceptional UV & Weather Stability
- Outstanding Chemical Resistance
- Remarkable resistance to scratches and abrasions.
- Very Good Flexibility
- Excellent Adhesion

Applications

- OEM Equipment
- Pipe Lines
- Motors & Pumps
- PEB Structures
- Storage Tank
- MS Structures
- Industrial Valves
- Steel structures

ANTICOR CRC

Chemical Resistant Coating

Product Brief

In challenging industrial environments, conventional coatings often fail to provide adequate protection.

"ANTICOR CRC", is an advanced chemical-resistant anti-corrosion coating formulated with a high-tech polymeric base to deliver outstanding resistance against harsh chemicals. Anticor CRC is designed to protect metal structures from corrosion caused by a wide range of chemical exposures. It helps maintain structural integrity, enhances durability, and ensures long-term protection against the most demanding chemical conditions.





Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying : Touch dry in just 30 minutes.
- Self-Priming Technology : No primer required.
- Versatile Aesthetics : Available in all desired color shades .
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- Superior Corrosion Resistance
- Unmatched chemical and gas resistance
- Resistant to oil and lubricant
- Exceptional UV & Weather Stability
- Remarkable resistance to scratches and abrasions.
- Very Good Flexibility

Applications

- Chemical Processing Plants
- PEB Structure
- Pipe Lines
- Chemical Storage tanks
- Oil & Gas
- ETP tanks
- Food & Beverage
- Pharmaceuticals

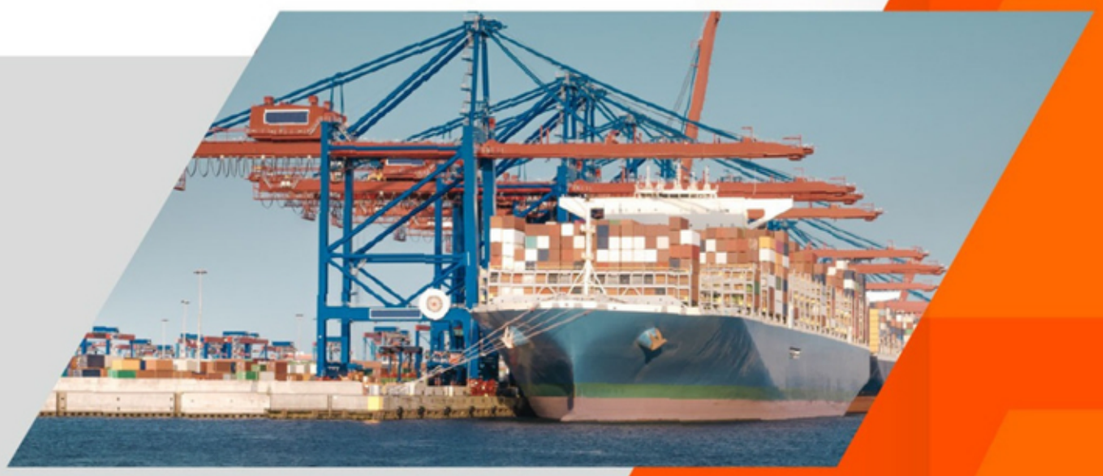
ANTICOR MRN

Marine Coating

Product Brief

Marine environments are extremely aggressive for metal structures. Continuous exposure to saltwater, high humidity, UV radiation, and marine organisms accelerates corrosion and surface degradation.

"Anticor MRN" is a high-performance marine coating developed using advanced polymer technology. This coating is specially formulated to withstand saline atmospheres and harsh coastal environments, providing superior corrosion resistance for marine structures and metal surfaces. Its excellent antifouling properties help prevent the accumulation of marine organisms, reducing maintenance requirements and improving operational efficiency. Anticor MRN ensures long-lasting protection and reliable performance in demanding maritime conditions.





Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying : Touch dry in just 30 minutes.
- Self-Priming Technology : No primer required.
- Versatile Aesthetics : Available in all desired color shades .
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- Excellent corrosion resistance in saline atmosphere
- Exceptional water repellent properties
- Built-in anti-fouling properties
- Outstanding UV resistance
- High resistance to scratches and abrasion
- Exceptional flexibility
- Strong adhesion to multiple metals and non-metals
- Resistance to oils and lubricants

Applications

- Ships and marine vessels
- Offshore platforms and rigs
- Coastal infrastructure
- Jetties and docks
- Marine pipelines and storage tanks

ANTICOR FR

Fire Retarding Coating

Product Brief

In industrial environments, structures are often exposed to both corrosion and potential fire hazards, making advanced protective coatings essential for safety and durability. **"Anticor FR"** is a polymeric-based fire-retardant coating that provides excellent anti-corrosive protection along with effective flame-retardant capabilities. Designed for structures susceptible to fire risks, it forms a durable protective barrier that helps improve structural safety, durability, and long-term reliability.









Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying : Touch dry in just 30 minutes.
- Self-Priming Technology : No primer required.
- Versatile Aesthetics : Available in all desired color shades .
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- Superior Corrosion Resistance
- Excellent resistance to fire
- Exceptional UV & Weather Stability
- Outstanding Chemical Resistance
- Remarkable resistance to scratches and abrasions.
- Strong Adhesion to metals and non metals

Applications

- Fire Exits
- Control Panels
- Electrical rooms
- Structural Steel
- Transformers
- Chemical Plants
- Refineries
- Thermal Power Plant

ANTICOR AG

Antigraffiti Coating

Product Brief

Public infrastructure and industrial surfaces are often affected by graffiti, posters, and unwanted stickers, which can damage appearance and increase maintenance costs. **"Anticor AG"** is an advanced coating, offering excellent weather resistance, corrosion protection, and anti-graffiti performance. Its unique non-stick surface prevents unwanted stickers, posters, and graffiti from adhering strongly, making cleaning easier while keeping surfaces neat and well protected.







Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying : Touch dry in just 30 minutes.
- Self-Priming Technology : No primer required.
- Versatile Aesthetics : Available in all desired color shades .
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- Superior resistance to graffiti
- Excellent anti stick properties
- Superior corrosion resistant
- Outstanding resistance to chemicals
- Exceptional outdoor stability
- Strong adhesion on all surfaces
- Resiatant to abrasion
- Easy to clean with good water repellent properties

Applications

- Bridges
- Metro stations
- Railway coaches
- Public toilets
- Monuments and heritage structures
- Commercial buildings
- Subways

INSULECT SK-03

Electric Insulation Coating

Product Brief

Electrical insulation coatings are used to prevent electrical leakage, short circuits, and corona discharge in high-voltage components, helping reduce the significant hazards associated with electricity.

"Insulect SK-03" is a high-performance electrical insulation coating designed to provide excellent dielectric strength across a wide range of electrical applications. Its superior moisture resistance and high dielectric properties help prevent leakage currents and significantly reduce the risk of contamination-induced flashovers.









Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying
- Self-Priming Technology : No primer required.
- Versatile Aesthetics : Available in all desired color shades .
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- Very High DI-Electric strength 122 kV/mm
- Excellent puncture resistant
- Prevents flashovers due to tracking & leakage current
- Superior resistance to UV radiation (suitable for outdoor Exposure)
- Exceptional resistance to transformer oil
- Tough and Scratch resistant
- Outstanding adhesion on all the surfaces
- Resistance to Fire (add on property)

Applications

- Busbar coating
- Electric poles & cross arms
- Ceramic Insulators
- Electrical Insulation Flooring- Replacement of rubber mats
- Any current carrying conductors
- Current transformers (CT) & Potential transformer (PT)
- Pantograph

G-COAT

Cold Galvanizing Coating

Product Brief

Cold galvanizing coatings are zinc rich coatings designed to provide corrosion protection to steel and iron surfaces by forming a sacrificial zinc layer. Unlike hot-dip galvanizing, it is applied at room temperature and is commonly used for repairs, touch-ups and field applications.

"G-COAT" is an advanced cold galvanized coating system, impregnated with zinc and crafted from advanced polymer technology. It offers robust weather resistance and high performance, making it a viable substitute for hot-dip galvanized coatings in various applications.









Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying
- Self-Priming Technology : No primer required.
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- Superior Corrosion Resistance
- Exceptional UV & Weather Stability
- Outstanding Chemical Resistance
- Remarkable resistance to scratches and abrasions.
- Very Good Flexibility
- Excellent Adhesion

Applications

- Solar structures
- Oil & Gas industries
- Railway- bridges and structure
- Heavy Engineering structures
- Electrical & Power transmission towers

FINCARE /COPPERCOAT

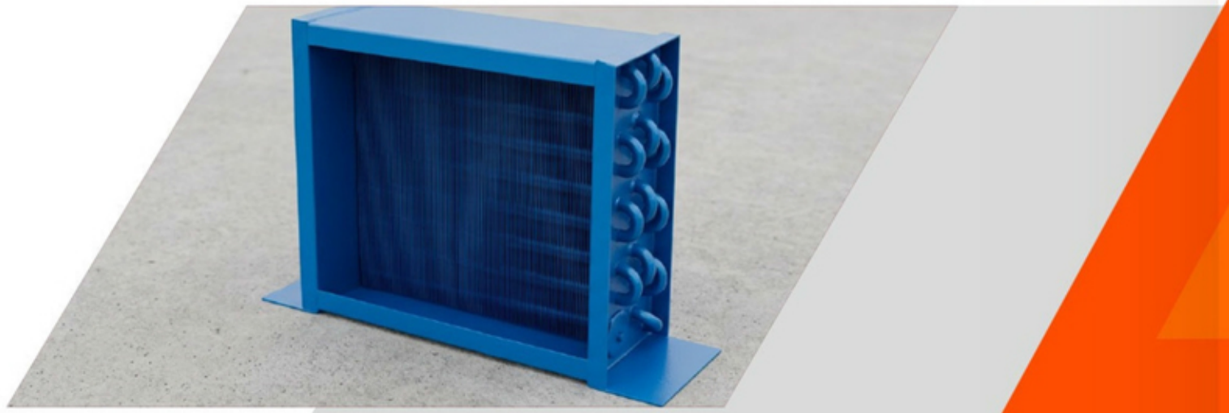
HVAC Coating

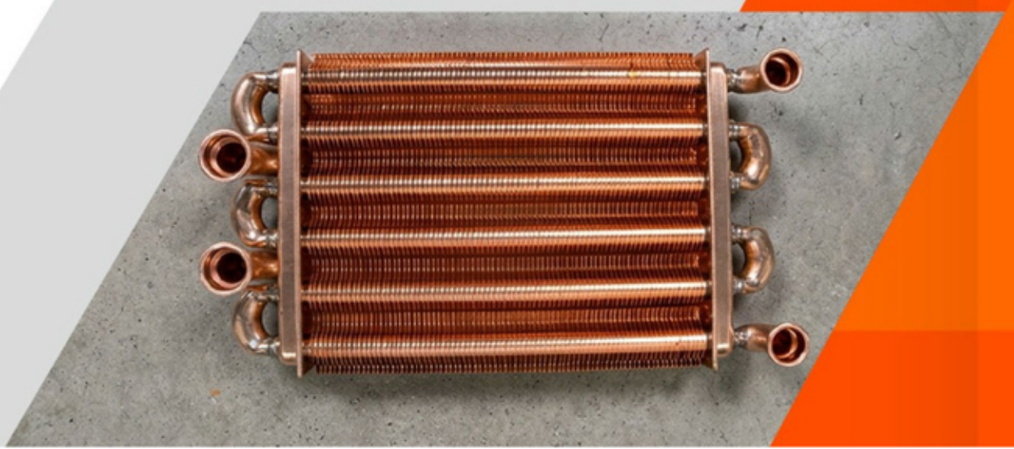
Product Brief

HVAC coatings are specialized protective coatings applied to heating, ventilation, and air-conditioning system components such as coils, ducts, and pipes. These coatings protect equipment from corrosion, moisture, and environmental damage while also improving overall system efficiency.

"Fincare" is a single-pack, high-performance grafted co-polymer–based protective coating specifically designed for HVAC coils, fins, and radiator coils. It is ideally suited for applications where both efficient heat transfer and strong corrosion resistance are essential, helping extend equipment life and maintain optimal system performance.

"Coppercoat" is a unique offering exclusively formulated for copper tubes. It gives very good aesthetic copper finish along with high corrosion resistance.





Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying : Touch dry in just 30 minutes.
- Self-Priming Technology : No primer required.
- Versatile Aesthetics : Available in all desired color shades .
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- Excellent Corrosion Resistance
- Superior resistance to saline atmosphere
- Good Heat Transfer Properties
- High Resistance to Acids & Alkalis
- Resistance to corrosive gases
- Outstanding Outdoor Stability
- Excellent antimicrobial property (Add on)

Applications

- HVAC coils
- Radiator fins
- Copper tubes
- Transformer Fins

FLOORCOAT

Industrial Floor Coating

Product Brief

Industrial floor coatings are protective layers applied to concrete or other flooring surfaces in factories, warehouses, and commercial facilities.

"Floor coat" is an advanced Industrial Floor Coating crafted with high performance polymer technology. It offers all desired performance attributes at reduced thicknesses compared to conventional systems. Its 'Easy to apply' and 'Fast Drying Properties' ensure quick and convenient application, optimizing efficiency.

Floorcoat AM is another grade in our range, formulated with antimicrobial properties and specially designed for healthcare environments where maintaining the highest standards of hygiene is essential.









Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying : Touch dry in just 30 minutes.
- Self-Priming Technology : No primer required.
- Versatile Aesthetics : Available in all desired color shades .
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- High Abrasion Resistance
- Anti-Slip & Anti-Skid properties
- Anti-Static Properties
- Strong Chemical Resistance
- Superior UV Resistance
- Excellent Seamless Finish
- Strong Adhesion on all the surfaces
- Exceptional water-resistant properties

Applications

- Industrial floors
- Car parking area
- Food and pharma industries floor
- Electronic industries floor
- Hospitals and laboratory flooring

HEATSEAL

Heat Insulation Coating

Product Brief

Heat-reflective coatings are special surface coatings designed to reflect a large portion of solar radiation instead of absorbing it. This helps keep the coated surface cooler and reduces heat transfer into the structure or object.

"Heatseal" is a high-performance polymer- based heat insulation coating. This unique formulation with high SRI value helps to keep interiors cool during hot summers improving comfort levels for individuals and communities. It's excellent water repellent property makes it an effective waterproofing system for both concrete and metal structures paired with corrosion resistance property.









Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying : Touch dry in just 30 minutes.
- Self-Priming Technology : No primer required.
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- Superior Heat Insulation: High Solar Reflectivity Index
- Excellent Waterproofing Protection
- Noticeable Surface Temperature Reduction (Up to 18 Deg C)
- Exceptional UV resistant for high durability
- Advanced corrosion resistant
- Scratch and abrasion resistance.
- Outstanding Aging & Weathering Resistance.

Applications

- Industrial Metal & concrete surfaces
- Terraces and Roofs
- Resorts & Malls
- Hospitals
- Poultry Farms
- Villas & Residential Complexes
- IT & Pharmaceutical buildings
- Refineries
- Tank farms (Oil & Gas Storage)

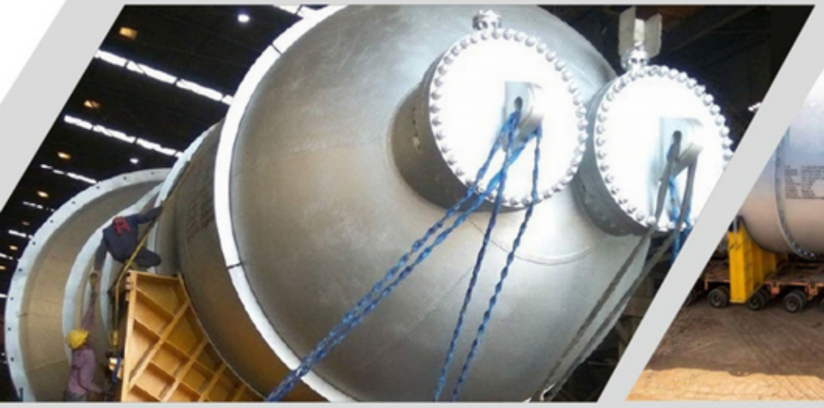
THERMSHIELD

High Temperature Resistance Coating

Product Brief

High temperature resistance coatings are specialized protective coatings designed to withstand elevated temperatures without degrading, breaking down or losing their protective qualities.

"Thermshield" is a distinctive high-temperature resistant coating developed using advanced polymer technology. It is designed to withstand a wide temperature range from –40°C to 650°C, offering exceptional thermal stability. This innovative coating is suitable for a variety of industrial applications, providing reliable protection against corrosion and erosion under both low and high temperature conditions.









Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying : Touch dry in just 30 minutes.
- Self-Priming Technology : No primer required.
- High Performance at low DFT
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- High Thermal Stability- Up to 650 Deg. C
- Sustainable at very low temperature up to -40 Deg C
- Superior resistance to UV radiation
- Excellent resistance to oxidation
- Resistant to pollutants, chemicals & gases
- Outstanding resistance to scratch and abrasion
- Robust adhesion with various metals like Aluminum, Copper, MS

Applications

- Oven and Furnaces
- High Temperature valve
- Chimney and exhaust system
- Steam or hot fluid pipeline
- Steam Valves
- Vessel and reactors
- Coke Drums

ARMCOAT-100

Armament Coating

Product Brief

Armament coatings are protective coatings applied to firearm parts. They help with corrosion resistance, wear protection and aesthetics.
"ARMCOAT-100" is advanced high-performance polymer based anticorrosion protective coating with camouflage finish and aesthetics. This anticorrosion coating safeguards essential components such as barrels, springs, magazines, bolts and many more. The unique formulation is designed to give protection to armaments at very low thickness.







Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying : Touch dry in just 30 minutes.
- Self-Priming Technology : No primer required.
- High Performance at low DFT
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- Excellent corrosion resistant
- Exceptional out-door stability
- Superior resistance to UV radiation
- Excellent scratch resistance
- Strong good adhesion properties to all substrates
- Exceptional resistance to chemicals and gases
- Good high temperature stability
- Excellent Flexibility and Fatigue Endurance

Applications

- Missiles
- Gun barrels
- Small Armaments
- Gun Magazines and springs
- Pistol & Rifle

AQUAPROOF

Water Proofing Coating For Roofs ,Terraces And Slabs

Product Brief

AQUAPROOF is High performance water proofing coatings for Roofs terraces and slabs. This unique formulation is based on advanced Polymer Technology specially designed for concrete surfaces to prevent water leakages and seepages.

AQUAPROOF FG (Food Grade coating) is another waterproofing grade, specifically designed for waterproofing of water reservoir and water tanks to prevent water leakages. This unique formulation complies with USFDA- and safe for food grade application.









Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying : Touch dry in just 30 minutes.
- Self-Priming Technology : No primer required.
- Low Maintenance: Easy rectification and touch-up capabilities.

Performance Features

- Excellent water repellency & impermeability to moisture
- Self-breathing properties
- High Tough & Scratch resistance
- Remarkable Flexibility & Elongation
- Exceptional UV resistance
- Complies with USFDA- 175.300 from CFTRI lab, Mysuru. (Food Grade certified)

Applications

- Terraces and Roof Tops
- Concrete slabs
- Swimming Pool
- Water bodies
- Water storage Tanks and Reservoirs

AQUASHIELD & AQUASEAL

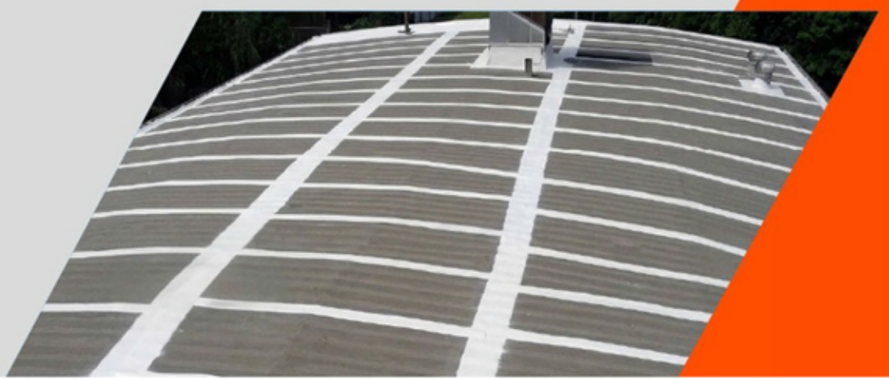
Exterior Wall Waterproofing Coating

Product Brief

AQUASHIELD is High performance water proofing coatings for exterior walls based on specialty Polymer Technology. This two in one coating not only acts as a water proofing barrier but also imparts beautiful color adding aesthetics to the surfaces.

AQUASEAL is a high -performance polymeric based crack filling sealant. This unique formulation is designed to seal the cracks of concrete structure with high flexibility and water-resistant properties.





Unique Features

- Single-Pack System : Ready-to-use formulation.
- Fast Room Temperature Drying : Touch dry in just 30 minutes.
- Self-Priming Technology : No primer required.
- Versatile Aesthetics : Available in all desired color shades .

Performance Features

- Excellent water repellency & impermeability to moisture
- Self-breathing properties
- High Tough & Scratch resistance
- Remarkable Flexibility & Elongation
- Exceptional UV resistance
- Available in all color shades

Applications

- Buildings
- Commercial spaces
- Hotels and Resorts
- Factories
- Villas/ Bunglows
- Other Infrastructure