RESSICHEM®

adding life and value to your property

Epoxy
Floorings & Coatings

ریسیکیم®

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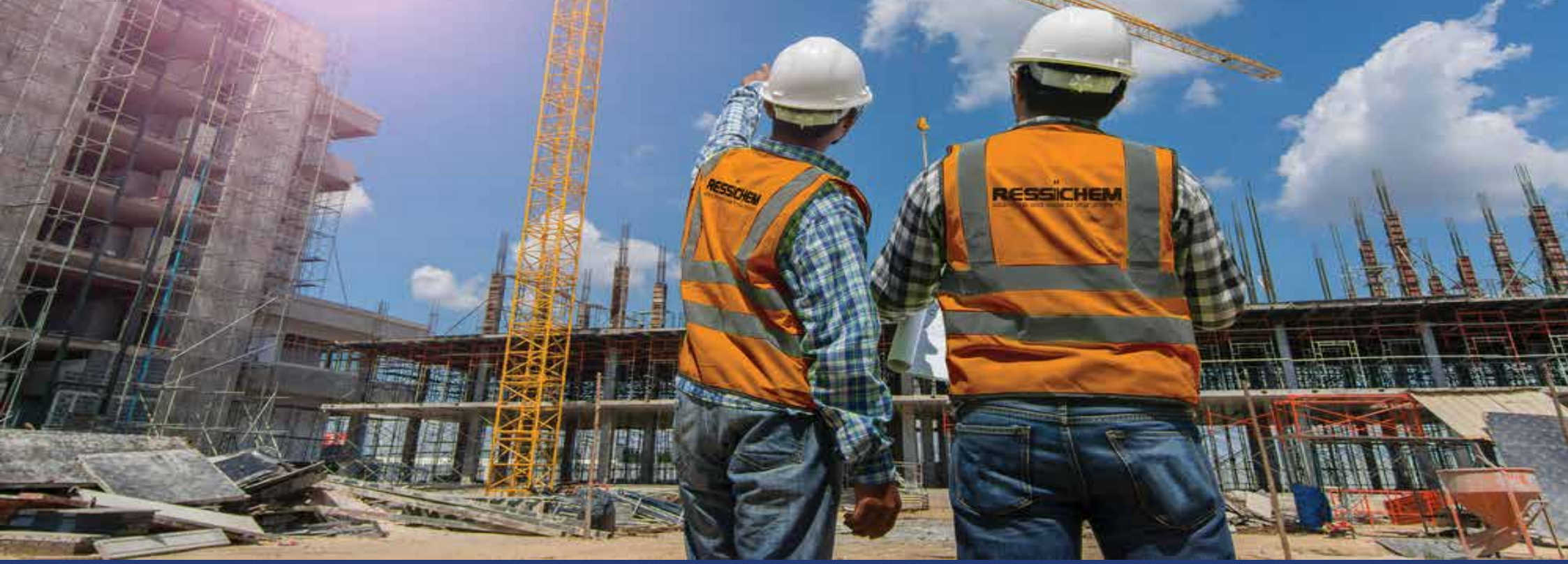


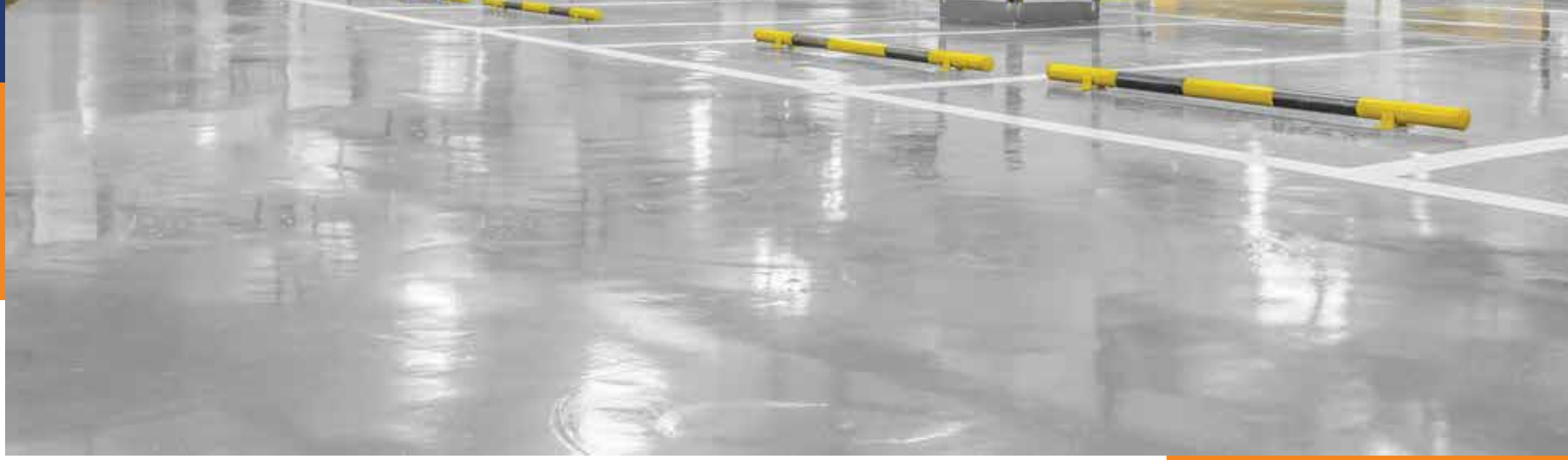
Who we are and what we do?

Ressichem was established in 1999, since its inception, we are proud to cater to the needs of the construction and many other industries offering quality products manufactured at our state-of-the-art plant sourced from the best in the world. Raw materials for our products are also sourced from quality suppliers worldwide. Ressichem takes pride presenting a variety of construction materials and systems which can cater to many needs of the construction industry.
They include:

- **Dry Mix Mortars / Premix Plasters**
- **Epoxy Floorings**
- **Building Care & Maintenance**
- **Epoxy Adhesives & Coatings**
- **Tiling & Grouting Materials**
- **Concrete & Mortar Admixtures**
- **Building Insulation**
- **Decorative Concrete**
- **Specialty Products**

Backed by a fully equipped laboratory at our own premises with a team of qualified engineers and chemists. Ressichem carries out regular tests to maintain quality of finished products for various construction & industrial applications. Vigorous onsite support & quality systems allow for maintaining the quality of our products, as well as solve construction and industrial problems. In our effort to maximize customer satisfation, our technical personnel directly coordinate with customers to offer excellent services, product selections & even troubleshoot problems where needed.

Operating on a customer first philosophy, Ressichem has carved its name in the ever-demanding needs of its industry, by offering world class services and fulfilling customer requirements via quality manufacturing and rigid quality control of products. We believe that the responsiveness and the priority we attach to the customer needs & their satisfaction has played a pivotal role in our phenomenal growth so far.



What is epoxy?

Epoxies are polymer materials that begin life as liquids and are converted to the solid polymers by a chemical reaction. An epoxy-based polymer is mechanically strong, chemically resistant to degradation of the chemical elements in the solid form & highly adhesive during conversion from liquid to solid. There are a wide range of basic epoxy chemicals from which an epoxy system can be formulated.

Epoxies are known for their excellent adhesion, chemical and heat resistance, good to excellent mechanical properties & particularly good electrical insulating properties. Almost any property can be modified.

What are epoxy floorings?

Epoxy floorings are surfaces that comprise of multiple layers of epoxy that is applied to a floor of depth varying from 300 microns to 4mm or above.

Some Advantages of Using Epoxy Floors

- Protects concrete from wear, chemical corrosion, and chemical deterioration.
- Reduces wear to transport vehicles and reduces time spent on maintenance.
- Provides faster material movement through working & transport areas & protects products from damage.
- Reduces floor maintenance & cleaning costs, producing a cleaner work environment & decreases injuries with non-slip surfaces.
- Increases light reflectivity and brightens work areas which saves on utility expenses and maximizes work efficiencies.

Why to choose epoxy floors?

There are many reasons why to go for epoxy floorings, as being seamless in nature, hygienic properties, slip resistance etc.

- **Impact Resistance:**

  Epoxy floors are generally used in areas of industry where goods are handled in specific spaces, such as production lines, warehouses, loading bays, & where compressive loads are generated by the movement of goods on trucks, pallets etc.

- **Slip Resistance:**

  Pedestrian traffic areas require varying degrees of slip resistance dependent on whether the environment is wet or dry.

- **Fire Resistance:**

  Fire escape routes, explosive production and storage areas underground car park decks.

- **Hygiene:**

  Pharmaceutical, Automotive, food, beverage, chemical & electronics industries have very demanding sanitary requirements. These industries often need totally dust free and easily cleanable floors, without cracks or angled Corners.

- **Chemical Resistant:**

  Epoxy floor coverings provide an impermeable seal to protect floor from chemical attack.

Areas of Application of Epoxy Floor Coatings

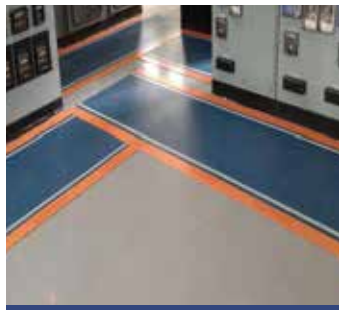
There are several areas where epoxy floorings can successfully be applied.
They include but certainly not limited to the following:

Chemical plants

Pharmaceuticals Industries

Food Processing Areas

Bottling Plants



Electric / Electronics Industries

Computer Rooms

Hospitals Operation Theaters & Corridors

Nuclear Power Plants

Dairies

Laboratories

Aerospace Industries

Airport Hangers

Automobiles Workshops

Textile Mills

Warehouses

Hotels & Restaurants

EPOXY CRACK FILLERS

S.No	Product	Description	Packaging		Mixed Density	Coverage
1.		A three-part solvent free epoxy system based on bisphenol A based Resins and modified polyamide-based hardeners. This versatile crack filler is designed to fill hairline and thick cracks up to 12mm in concrete floors in a single layer, Multiple layers can be applied. This is an impact resistant epoxy crack filler that can be applied from feather edged trowel at a thickness of several inches in multiple layers. Also suitable for a variety of substrates such as metal, wood, ceramic, concrete, textile, glass, leather etc.	2.16 KG	Part A 100g (Liquid Resin) Part B 60g (Liquid Hardener) Part C 2 KG (Filler Powder)	NA	NA
			21.6 KG	Part A 1 KG (Liquid Resin) Part B 600g (Liquid Hardener) Part C 20 KG (Filler powder)		
2.		A three-part solvent free epoxy low viscosity crack filling system designed over low viscosity Bisphenol A based Resins and Polyamide based high strength Epoxy based hardeners. Designed to fill both hairline and thick cracks from 25mm wide to 75mm Deep. Due to its high level of flow and high compressive strength this material is compatible with most concrete floorings where high wear is prevalent. This impact resistant crack filler can be applied using a variety of tools like trowels and other materials.	2.18 KG	Part A 100g (Liquid Resin) Part B 80g (Liquid Hardener) Part C 2 KG (Filler Powder)	NA	NA
			21.8 KG	Part A 1 KG (Liquid Hardener) Part B 800g (Liquid Resin) Part C 20 KG (Filler powder)		
3.		A three-part solvent free epoxy system of water-resistant nature designed to fill both hair line and thick cracks over concrete floors. Based on Bisphenol-A Resins and Phenalkamine based epoxy curing agents. Its versatile nature allows it to be used over a variety of surfaces such as metal, fiberglass, wood and many other compatible substrates. It is an ideal crack and void filler to be used with concrete.	2.18 KG	Part A 100g (Liquid Resin) Part B 80g (Liquid Hardener) Part C 2 KG (Filler Powder)	NA	NA
			21.8 KG	Part A 1 KG (Liquid Hardener) Part B 800g (Liquid Resin) Part C 20 KG (Filler powder)		

EPOXY CRACK FILLERS

S.No	Product	Description	Packaging		Mixed Density	Coverage
4.		A three-part solvent free chemical and water-resistant epoxy-based crack filling material designed to fill both hairline and deep cracks within the concrete surface especially suited for concrete and cementitious floorings. It is specially formulated using specialised Bisphenol A based Resins and Phenalkamine based Curing agents which give its special chemical resistant properties. It can also be used with other materials such as metal, fiberglass, wood and many other compatible substrates.	2.15 KG	Part A 100g (Liquid Resin)	NA	NA
				Part B 50g (Liquid Hardener)		
				Part C 2 KG (Filler Powder)		
			21.5 KG	Part A 1 KG (Liquid Hardener)		
				Part B 500g (Liquid Resin)		
				Part C 20 KG (Filler powder)		

EPOXY PRIMERS

S.No	Product	Description	Packaging		Mixed Density	Coverage
5.		An epoxy-based Primer to be used prior to the application of epoxy flooring and coatings over concrete and cementitious surfaces. This material comprises of Bisphenol-A based Resins and a modified polyamide-based hardener designed to maximum strength and abrasion resistance. Typical areas of application include car parks, factory floors, food industry, kitchens, aircraft hangers, hospitals, pharmaceutical plants, warehouses etc. It can also be used as a clear to golden coat to maintain original color and appearance of substrates which are not exposed to UV rays.	1.6 KG	Part A 1 KG (Liquid Resin)	1.06 g/cc	100 SFT @ 100 Micron Thickness
				Part B 600g (Liquid Hardener)		
			16 KG	Part A 10 KG (Liquid Resin)		
				Part B 6 KG (Liquid Hardener)		
			48 KG	Part A 30 KG (Liquid Resin)		
				Part B 18 KG (Liquid Hardener)		

EPOXY PRIMERS

S.No	Product	Description	Packaging		Mixed Density	Coverage
6.		A three-part solvent free epoxy low viscosity crack filling system designed over low viscosity Bisphenol A based Resins and Phenalkamine based high strength Epoxy based hardeners. It is designed to fill both hairline and thick cracks from 25mm wide to 75mm Deep. Due to its high level of flow and high compressive strength this material is compatible with most concrete floorings where high wear is prevalent. This impact resistant crack filler can be applied using a variety of tools like trowels and other materials.	1.8 KG	Part A 1 KG (Liquid Resin) Part B 800g (Liquid Hardener)	1.092 g/cc	97 SFT @ 100 Micron Thickness
			18 KG	Part A 10 KG (Liquid Resin) Part B 8 KG (Liquid Hardener)		
			54 KG	Part A 30 KG (Liquid Resin) Part B 24 KG (Liquid Hardener)		
7.		A water-resistant solvent free epoxy primer especially designed for floors with a slightly high moisture content. Acts as a moisture barrier for the concrete floor and allows to form a dry substrate suitable for the application of various epoxy mid-coats and topcoats. Comprises of Bisphenol-A Based Epoxy Resins with high solid contents and a moisture resistant modified Phenalkamine based curing agent. Typical areas of applications include car parks, factory floors, food industry, kitchens, aircraft hangers, hospitals, pharmaceutical plants, warehouses etc.	1.8 KG	Part A 1 KG (Liquid Resin) Part B 800g (Liquid Hardener)	1.052 g/cc	100 SFT @ 100 Micron Thickness
			18 KG	Part A 10 KG (Liquid Resin) Part B 8 KG (Liquid Hardener)		
			54 KG	Part A 30 KG (Liquid Resin) Part B 24 KG (Liquid Hardener)		
8.		A solvent free Chemical resistant epoxy primer specially designed for concrete and a variety of other materials such as metal, wood, fiberglass etc. Based on a Bisphenol-A based resin and clear modified cycloaliphatic amine-based curing agent which is free from nonyl phenol. Both the resin and hardener used are based on high solids and have the capability to resist different chemicals of high corrosive nature. Typical areas of applications include car parks, factory floors, food industry, kitchens, aircraft hangers, hospitals, pharmaceutical plants, warehouses, textile tanneries and plants etc.	1.5 KG	Part A 1 KG (Liquid Resin) Part B 500g (Liquid Hardener)	1.079 g/cc	98 SFT @ 100 Micron Thickness
			15 KG	Part A 10 KG (Liquid Resin) Part B 5 KG (Liquid Hardener)		
			45 KG	Part A 30 KG (Liquid Resin) Part B 15 KG (Liquid Hardener)		

EPOXY PRIMERS

S.No	Product	Description	Packaging		Mixed Density	Coverage
9.		A water and chemical resistant solvent free epoxy primer specially designed for concrete floor substrates. Based on specially formulated Bisphenol-A based Resins and special Phenalkamine based curing agents. Also suited for many other substrates such as metal, wood, fiberglass etc. Based on high solids and have the capability to resist different chemicals of high corrosive nature. Typical areas of applications include car parks, factory floors, food industry, kitchens, aircraft hangers, hospitals, pharmaceutical plants, textile tanneries and plants, warehouses etc.	1.8 KG	Part A 1 KG (Liquid Resin) Part B 800g (Liquid Hardener)	1.052 g/cc	100 SFT @ 100 Micron Thickness
			18 KG	Part A 10 KG (Liquid Resin) Part B 8 KG (Liquid Hardener)		
			54 KG	Part A 30 KG (Liquid Resin) Part B 24 KG (Liquid Hardener)		
10.		A red oxide-based zinc rich epoxy primer with excellent adhesion on shot blasted iron or steel substrates. Has high performance corrosion protection with air and force dry capabilities. Is chromate and lead free. This material must be recoated again either with the same or another primer or with an appropriate topcoat Recommended by Ressichem.	1.16 KG	Part A 1 KG (Liquid Resin) Part B 160g (Liquid Hardener)	1.052 g/cc	100 SFT @ 100 Micron Thickness
			11.6 KG	Part A 10 KG (Liquid Resin) Part B 1.6 KG (Liquid Hardener)		
			23.2 KG	Part A 20 KG (Liquid Resin) Part B 3.2 KG (Liquid Hardener)		
11.		A low viscosity chemical resistant epoxy primer based on specially modified Bisphenol-A Based Resins and a specially formulated Modified chemical resistant cycloaliphatic amine based epoxy curing agent which is free from Nonyl phenol. This is specially formulated for concrete and metal surface. Its high chemical resistant nature makes it an ideal coating for a variety of different metalic surfaces.	1.8 KG	Part A 1 KG (Liquid Resin) Part B 800g (Liquid Hardener)	1.2 g/cc	85 SFT @ 100 Micron Thickness
			18 KG	Part A 10 KG (Liquid Resin) Part B 8 KG (Liquid Hardener)		
			54 KG	Part A 30 KG (Liquid Resin) Part B 24 KG (Liquid Hardener)		

EPOXY MID COATS

S.No	Product	Description	Packaging		Mixed Density	Coverage
12.		A general-purpose high strength and high impact resistant mid coat epoxy. This Epoxy system is highly suitable to build up epoxy thickness of flooring systems where a low-cost system is required. This solvent free epoxy system is based on a modified Bisphenol-A Based Epoxy system and a Phenelkamine based hardener. Comprises of special Silica based aggregates which enhance the generic properties of mix epoxy systems. Applicable thickness between 2mm to 5mm.	2.96 KG	Part A 1 KG (Liquid Resin) Part B 480g (Liquid Hardener) Part C 1.48 KG (Filler Powder)	1.56 g/cc	69 SFT @ 100 Micron Thickness
			14.8 KG	Part A 5 KG (Liquid Resin) Part B 2.4 KG (Liquid Hardener) Part C 7.4 KG (Filler powder)		
			29.6 KG	Part A 10 KG (Liquid Resin) Part B 4.8 KG (Liquid Hardener) Part C 14.8 KG (Filler Powder)		
			59.2 KG	Part A 20 KG (Liquid Resin) Part B 9.6 KG (Liquid Hardener) Part C 29.6 KG (Filler Powder)		
13.		A general-purpose high strength and high impact resistant mid coat epoxy. This Epoxy system is highly suitable to build up epoxy thickness of flooring systems where a low-cost system is required. This solvent free epoxy system is based on a modified Bisphenol-A Based Epoxy system and a Phenelkamine based hardener. Comprises of special fine aggregates designed to achieve a Epoxy mid coat to a thickness between 500 microns and 2mm.	2.96 KG	Part A 1 KG (Liquid Resin) Part B 480g (Liquid Hardener) Part C 1.48 KG (Filler Powder)	1.58 g/cc	68.13 SFT @ 100 Micron Thickness
			14.8 KG	Part A 5 KG (Liquid Resin) Part B 2.4 KG (Liquid Hardener) Part C 7.4 KG (Filler powder)		
			29.6 KG	Part A 10 KG (Liquid Resin) Part B 4.8 KG (Liquid Hardener) Part C 14.8 KG (Filler Powder)		
			59.2 KG	Part A 20 KG (Liquid Resin) Part B 9.6 KG (Liquid Hardener) Part C 29.6 KG (Filler Powder)		

EPOXY MID COATS

S.No	Product	Description	Packaging		Mixed Density	Coverage
14.		A chemical resistant epoxy mid coat used to build up thickness of chemical resistant epoxy flooring systems. Based on the standard sized Ressichem Aggregate used to build up thicknesses of epoxy systems from a minimum of 2mm up to 5mm. A chemical resistant grade made from specially formulated Bisphenol-A Based Resins and Specially formulated Modified chemical resistant cycloaliphatic amine which is free from Nonyl phenol. A solvent free formulated product.	2.8 KG	Part A 1 KG (Liquid Resin) Part B 400g (Liquid Hardener) Part C 1.4 KG (Filler Powder)	1.60 g/cc	67.27 SFT @ 100 Micron Thickness
			14 KG	Part A 5 KG (Liquid Resin) Part B 2 KG (Liquid Hardener) Part C 7 KG (Filler powder)		
			28 KG	Part A 10 KG (Liquid Resin) Part B 4 KG (Liquid Hardener) Part C 14 KG (Filler Powder)		
			56 KG	Part A 20 KG (Liquid Resin) Part B 8 KG (Liquid Hardener) Part C 28 KG (Filler Powder)		
15.		A solvent-free, fine-aggregate-based epoxy mid coat made from Bisphenol-A resins and an cycloaliphatic amine, excluding Nonyl phenol. It is designed for applications ranging from 500 microns to 2mm. A solvent-free product suitable for various substrates including metal, wood, fiberglass, and selected plastics.	2.8 KG	Part A 1 KG (Liquid Resin) Part B 400g (Liquid Hardener) Part C 1.4 KG (Filler Powder)	1.61 g/cc	66.86 SFT @ 100 Micron Thickness
			14 KG	Part A 5 KG (Liquid Resin) Part B 2 KG (Liquid Hardener) Part C 7 KG (Filler powder)		
			28 KG	Part A 10 KG (Liquid Resin) Part B 4 KG (Liquid Hardener) Part C 14 KG (Filler Powder)		
			56 KG	Part A 20 KG (Liquid Resin) Part B 8 KG (Liquid Hardener) Part C 28 KG (Filler Powder)		

CEMENTITIOUS SCREEDS AND REPAIR MATERIALS

S.No	Product	Description	Packaging	Mixed Density	Coverage
16.		A latex based primer to be used over concrete and cementitious surfaces prior to the application of A self-levelling screeding materials. It forms a tacky film over the cementitious floor surfaces which aids in better bonding of the screed over the cementitious surface. Free from any solvents, plasticizers and ammonia. Can also be used as an additive in the self-levelling screed materials if further crack reduction from the material and flexibility is required.	1 KG 10 KG 25 KG 200 KG	NA	5-7 m^2/ Ltr / Coat
17.		Ready to use premixed self-leveling floor screed also commonly known as a cementitious self levelling compound. Suitable for both old and new, internal, and external floorings. The application thickness of is between 1mm to 3mm where multiple layer application is possible. Ideal for use to level substrates prior to laying carpets, floor tiles etc. Also an ideal substrate for the waterproofing of roofs where further coatings can be applied on the surface. Ideal for Epoxy Flooring applications where a smooth cementitious floor is required prior to the application of a proper epoxy flooring system. Also available in different colors subject to customer requirements.	20 KG 50 KG	NA	1.75 SFT / KG @ 2mm Thickness
18.		A cementitious self-levelling pourable high slump, high strength floor screed which is suitable for most high traffic and high impact areas. The application thickness is between 12mm to 25mm in a single layer. Multiple layers of this material can be applied to make the floor level or to achieve a certain floor level. Provides an ideal substrate to apply subsequent layers of thin self-levelling compounds and other materials such as tiles, vinyl, high build epoxy systems and so on.	20 KG 50 KG	NA	0.56 SFT / KG @ 12mm Thickness

CEMENTITIOUS SCREEDS AND REPAIR MATERIALS

S.No	Product	Description	Packaging	Mixed Density	Coverage
19.		A cement based nonmetallic, non-shrink, free flowing grout that maintains a fluid consistency for a longer duration. It is a high strength cementitious grout. Developed to provide a flowable grout for complete filling of bolt pockets, gaps between the base plate and concrete such as bridge bearings, machinery baseplates, stationary base plates, joints between precast panels, rail and anchor bolts etc. Can be used for filling precast joints and tie holes with adjustable consistency. Can be used for reinstating damaged structural elements by placing within the formwork.	20 KG	NA	Fresh Wet Density - 2.20 kg / Ltr ± 0.05
20.		A general purpose non shrink cementitious grout of moderate strength designed to be used as an economical option for medium strength concrete and provide a flowable grout for complete filling of bolt pockets, gaps between the base plate and concrete such as bridge bearings, machinery base-plates, stationary base plates, joints between precast panels, rail and anchor bolts etc. Can be used for filling precast joints and tie holes with adjustable consistency. It can be used for reinstating damaged structural elements by placing within the formwork.	20 KG	NA	Fresh Wet Density - 2.20 kg / Ltr ± 0.05

TWO COMPONENT EPOXY TOP COATS

S.No	Product	Description	Packaging		Mixed Density	Coverage
21.		A high-performance, two-component epoxy resin-based flooring system designed for heavy-duty and impact-resistant applications. It is solvent-free and formulated with high-grade Bisphenol-A Based resin and extremely durable high-grade polyamide-based curing agents. Suitable for trowel application in thicknesses ranging from 300 microns to 4000 microns, this product delivers a robust, high-abrasion, and impact-resistant surface. It is ideal for use as a coating or screed in environments that demand superior mechanical properties and exceptional wear resistance. A perfect for industrial flooring, warehouses, workshops, ramps, garages, airport maintenance areas, metal processing and engineering units, and areas subjected to heavy traffic. Additionally, it can be used for coving or patch repairs. Also Compatable with a variety of other substrates such as Wood, Metal Ceramics and selected plastics.	1.4 KG	Part A 1 KG (Liquid Resin)	1.13 g/cc	92 SFT @100 Micron Thickness
				Part B 400g (Liquid Hardener)		
			14 KG	Part A 10 KG (Liquid Resin)		
				Part B 4 KG (Liquid Hardener)		
			28 KG	Part A 20 KG (Liquid Resin)		
				Part B 8 KG (Liquid Hardener)		
22.		A two-component epoxy resin based heavy duty and impact resistant low gloss epoxy flooring. It is designed for trowel and free flow applications in thickness between 300 microns to 4000 microns. Provides a tough, high abrasion and impact resistant topping. It is used either as a coating or a screed for flooring where excellent mechanical properties with superior abrasion and wear characteristics are required. It can be used for industrial flooring, warehouses, workshops, ramps, garages, airport maintenance areas, metal processing and engineering units and areas subject heavy traffic. It can also be used as a coving or patch repair product. Based on Bisphenol-A Resins and Phenalkamine based Hardeners. Compatible with a variety of surfaces such as concrete, metal, wood, ceramics and selected plastics and many other substrates. Available in limited colors and shades of grey.	1.6 KG	Part A 1 KG (Liquid Resin)	1.12 g/cc	95 SFT @ 100 Micron Thickness
				Part B 600g (Liquid Hardener)		
			16 KG	Part A 10 KG (Liquid Resin)		
				Part B 6 KG (Liquid Hardener)		
			32 KG	Part A 20 KG (Liquid Resin)		
				Part B 12 KG (Liquid Hardener)		

TWO COMPONENT EPOXY TOP COATS

S.No	Product	Description	Packaging		Mixed Density	Coverage
23.		A two-component epoxy resin based heavy duty, mild chemical resistant, solvent free, abrasion, and impact resistant epoxy floor. It is designed for trowel and self-level applications for thickness of 300 microns to 4000 microns. Offers a durable, high-abrasion finish that is resistant to mild chemicals and impacts. It is used either as a coating or a screed for flooring where excellent mechanical properties with superior abrasion and wear characteristics along with high gloss are required. It can be used for industrial flooring, warehouses, workshops, ramps, garages, airport maintenance areas, hospitals, laboratories, metal processing and engineering units and areas subject to heavy traffic. It can also be used as a coving or patch repair product. Based on a specially modified Bisphenol-A Based resin which includes high gloss agents along with a cycloaliphatic clear curing agent suitable for such High gloss applications.	1.4 KG	Part A 1 KG (Liquid Resin) Part B 400g (Liquid Hardener)	1.15 g/cc	93.6 SFT @ 100 Micron Thickness
			14 KG	Part A 10 KG (Liquid Resin) Part B 4 KG (Liquid Hardener)		
			28 KG	Part A 20 KG (Liquid Resin) Part B 8 KG (Liquid Hardener)		
24.		A Versatile Clear High Gloss Crystal Clear Epoxy Floor Coating suitable for a variety of substrates such as concrete, metal, wood, Fiber Glass and a variety of other substrates. It can easily be used as a primer (where vapour barrier is required), a base coat or as a topcoat. A Variety of Aggregates and Pigments are compatible. Made from Bisphenol-A Based Clear Resin and a cycloaliphatic transparent amine based curing agent specially formulated for floor application.	1.5 KG	Part A 1 KG (Liquid Resin) Part B 500g (Liquid Hardener)	1.05 g/cc	101 SFT @ 100 Micron Thickness
			15 KG	Part A 10 KG (Liquid Resin) Part B 5 KG (Liquid Hardener)		
			30 KG	Part A 20 KG (Liquid Resin) Part B 10 KG (Liquid Hardener)		

TWO COMPONENT EPOXY TOP COATS

S.No	Product	Description	Packaging		Mixed Density	Coverage
25.		A superior two-component epoxy resin coating system specifically designed for concrete and cementitious flooring surfaces. Upon curing, it achieves a glossy and durable finish, with an application thickness ranging between 300 to 4000 microns. This high-performance epoxy flooring solution is engineered to deliver exceptional chemical resistance, making it ideal for environments that demand rigorous protection against chemical exposure. Key applications include laboratories, pharmaceutical manufacturing facilities, chemical processing plants, food and beverage production areas, warehouses, and garages. These settings require flooring that can endure spills, splashes, and various chemical exposures while maintaining ease of maintenance and long-lasting durability. The formulation incorporates Bisphenol-A Based liquid resins with high solids content and a modified cycloaliphatic amine, ensuring a high-performance and nonyl phenol-free product. Furthermore, this epoxy system is completely solvent-free, promoting a safer and more environmentally friendly application process.	1.5 KG	Part A 1 KG (Liquid Resin)	1.09 g/cc	98 SFT @ 100 Micron Thickness
				Part B 500g (Liquid Hardener)		
			15 KG	Part A 10 KG (Liquid Resin)		
				Part B 5 KG (Liquid Hardener)		
			30 KG	Part A 20 KG (Liquid Resin)		
				Part B 10 KG (Liquid Hardener)		
26.		A Two-part electrostatic conductive colored epoxy flooring system with high chemical resistance properties. It cures to a semi-gloss, impervious finish. The applied thickness is between 300 to 4000 Microns. Provides a hard tough, easily cleanable and attractive floor coating in areas where high resistance to chemical attack and an anti-static flooring solution is required. It is suitable for use in workshops, car parks, dairies, kitchens, hospitals, laboratories, showrooms, light to medium duty industrial floor coatings, etc. Formulated using high grade Bisphenol-A Based Resin and a chemical Resistant Curing material made from a modified amine which is free from nonyl phenol.	1.5 KG	Part A 1 KG (Liquid Resin)	1.09 g/cc	98 SFt @ 100 Micron Thickness
				Part B 500g (Liquid Hardener)		
			15 KG	Part A 10 KG (Liquid Resin)		
				Part B 5 KG (Liquid Hardener)		
			30 KG	Part A 20 KG (Liquid Resin)		
				Part B 10 KG (Liquid Hardener)		

TWO COMPONENT EPOXY TOP COATS

S.No	Product	Description	Packaging		Mixed Density	Coverage
27.		A two-component solvent free low viscosity clear wall coating. Based on Bisphenol-A Based Resins and a low viscosity cycloaliphatic amine based curing agent. The complete formulation of this product is solvent free. It is mainly designed for cementitious substrates such as concrete and plaster but also compatible with a variety of substrates such as wood, metal, fiberglass and selected plastics.	1.5 KG	Part A 1 KG (Liquid Resin) Part B 500g (Liquid Hardener)	1.09 g/cc	98 SFt @ 100 Micron Thickness
			15 KG	Part A 10 KG (Liquid Resin) Part B 5 KG (Liquid Hardener)		
			30 KG	Part A 20 KG (Liquid Resin) Part B 10 KG (Liquid Hardener)		

Three Component Heavy Duty Epoxy Floorings

28.		A three-component flooring system. This is an economical moderate gloss flooring system designed for heavy duty wear resistance. Based on a modified Bisphenol-A Formulation along with Polyamide based curing agents and specially selected epoxy compatible aggregates. Primarily designed for concrete and cementitious substrates but is also compatible with a variety of other substrates such as wood, metal, fiberglass and selected plastics. Designed to be applied at thicknesses between 1500 microns to 4000 microns.	2.8 KG	Part A 1 KG (Liquid Resin) Part B 400g (Liquid Hardener) Part C 1.4 KG (Filler Powder)	1.6 g/cc	65 SFT @ 100 Micron Thickness
			14 KG	Part A 5 KG (Liquid Resin) Part B 2 KG (Liquid Hardener) Part C 7 KG (Filler Powder)		
			28 KG	Part A 10 KG (Liquid Resin) Part B 4 KG (Liquid Hardener) Part C 14 KG (Filler Powder)		
29.		A low gloss three component high build epoxy flooring system made from modified Bisphenol-A Based Resins, and Phenalkamine based hardeners along with epoxy compatible fillers. This is an ideal epoxy flooring system where an economical high wear resistant epoxy floor is required. Can be applied between a thickness between 1500 microns to 4000 Microns in thickness. This is specifically designed for concrete surfaces but is also compatible with a variety of other substrates such as wood, metal, fiberglass and selected plastics. Available in limited shades of grey only.	3.2 KG	Part A 1 KG (Liquid Resin) Part B 600g (Liquid Hardener) Part C 1.6 KG (Filler Powder)	1.53 g/cc	70 SFT @ 100 Micron Thickness
			16 KG	Part A 5 KG (Liquid Resin) Part B 3 KG (Liquid Hardener) Part C 8 KG (Filler Powder)		
			32 KG	Part A 10 KG (Liquid Resin) Part B 6 KG (Liquid Hardener) Part C 16 KG (Filler Powder)		
			64 KG	Part A 20 KG (Liquid Resin) Part B 12 KG (Liquid Hardener) Part C 32 KG (Filler Powder)		

Three Component Heavy Duty Epoxy Floorings

S.No	Product	Description	Packaging		Mixed Density	Coverage
30.		A high build three component solvent free Epoxy Flooring specially designed for its application in areas where a high chemical resistance to a variety of chemicals and minor resistance to heat is required over the flooring surface. Specifically designed using highly modified Bisphenol-A Based Resins along with a clear modified cycloaliphatic amine-based curing agent which is free from Nonyl phenol. The Filler portion is Designed using A Special Grade Silica Filler Material bend by Ressichem. Applicable thickness between 1500 to 4000 Microns.	2.7 KG	Part A 1 KG (Liquid Resin) Part B 350g (Liquid Hardener) Part C 1.35 KG (Filler Powder)	1.6 g/cc	65 SFT @ 100 Micron Thickness
			13.5 KG	Part A 5 KG (Liquid Resin) Part B 1.75 KG (Liquid Hardener) Part C 6.75 KG (Filler Powder)		
			27 KG	Part A 10 KG (Liquid Resin) Part B 3.5 KG (Liquid Hardener) Part C 13.5 KG (Filler Powder)		
			54 KG	Part A 20 KG (Liquid Resin) Part B 7 KG (Liquid Hardener)		
31.		A three-component heavy duty high gloss moderate chemical resistant epoxy flooring system comprising of Bisphenol-A Based Resin, High Gloss Cycloaliphatic based curing agents and epoxy compatible filler component. This solvent free formulation makes the epoxy flooring system comprise of high compressive and flexural strength. Specifically designed for Concrete and Cementitious floors but is also compatible with a variety of other substrates such as wood, metal, fiberglass and selected plastics. Suitable application thickness between 1500 microns to 4000 microns in a single layer.			1.6 g/cc	65 SFT @ 100 Micron Thickness
			2.7 KG	Part A 1 KG (Liquid Resin) Part B 350g (Liquid Hardener) Part C 1.35 KG (Filler Powder)		
			13.5 KG	Part A 5 KG (Liquid Resin) Part B 1.75 KG (Liquid Hardener) Part C 6.75 KG (Filler Powder)		
			27 KG	Part A 10 KG (Liquid Resin) Part B 3.5 KG (Liquid Hardener) Part C 13.5 KG (Filler Powder)		
			54 KG	Part A 20 KG (Liquid Resin) Part B 7 KG (Liquid Hardener) Part C 27 KG (Filler Powder)		

Thin Coat Brush, Roller and Spray Applied

S.No	Product	Description	Packaging		Mixed Density	Coverage
32.		Long-Lasting Epoxy Coating material designed to be applied at a thickness between 100 microns to 1500 microns in a single coat over concrete, cementitious substrates and steel. It is suitable for both wall and floor applications. It is made from Bisphenol A Based Resins and selected polyamide-based hardeners. It is also compatible with a variety of other substrates such as wood, metal, fiberglass and selected plastics. Ressi EPO Roll Coat can be applied to steel and concrete internal tank surfaces to provide low to moderate corrosion resistance, protection against oils, chemical wastewater, etc. it can also be used as waterproofing for tanks and reservoirs containing water intended for human consumption. Other areas of application include silos, wastewater treatment plants, canning and bottling units, food processing plants, etc.	1.33 KG	Part A 1 KG (Liquid Resin)	1.06 g/cc	100 SFT @ 100 Micron Thickness
				Part B 330g (Liquid Hardener)		
			13.3 KG	Part A 10 KG (Liquid Resin)		
				Part B 3.3 KG (Liquid Hardener)		
			26.6 KG	Part A 20 KG (Liquid Resin)		
				Part B 6.6 KG (Liquid Hardener)		
33.		A solvent-loaded, low-viscosity, UV-stable metal protective coating specifically designed for application over metal surfaces. It is formulated with diluted Bisphenol-A Based resins and polyamide-based hardeners, ensuring durability, abrasion resistance, and protection against mild acid exposure. This pigmented coating is ideal for exposed metal structures requiring enhanced weathering resistance and long-term performance.			1.3 g/cc	80 SFT @ 100 Micron Thickness
			1.16 KG	Part A 1 KG (Liquid Resin)		
				Part B 160g (Liquid Hardener)		
			11.6 KG	Part A 10 KG (Liquid Resin)		
				Part B 1.6 KG (Liquid Hardener)		
			23.2 KG	Part A 20 KG (Liquid Resin)		
				Part B 3.2 KG (Liquid Hardener)		

Thin Coat Brush, Roller and Spray Applied

S.No	Product	Description	Packaging		Mixed Density	Coverage
34.		A is a high-performance, chemically resistant coating designed for marine and industrial applications. Formulated with a specially modified Bisphenol-A Based resin and a clear cycloaliphatic amine hardener, it provides superior resistance to chemicals, corrosion, and environmental degradation. Ideal for ships, offshore platforms, chemical plants, refineries, and heavy industries, this solvent-based coating ensures long-term protection of metal structures exposed to aggressive marine conditions, industrial chemicals, and harsh operational environments.	1.16 KG	Part A 1 KG (Liquid Resin) Part B 160g (Liquid Hardener)	1.56 g/cc	68 SFT @ 100 Micron Thickness
			11.6 KG	Part A 10 KG (Liquid Resin) Part B 1.6 KG (Liquid Hardener)		
			23.2 KG	Part A 20 KG (Liquid Resin) Part B 3.2 KG (Liquid Hardener)		
35.		A low viscosity chemical resistant Pigmented Epoxy top coat Specially designed for concrete and metal surfaces. This Epoxy top coat is a solvent free two component mix based on specially modified Bisphenol-A Based Resins and a specially formulated Modified chemical resistant cycloaliphatic amine based epoxy curing agent which is free from Nonyl phenol. This is specially formulated for concrete and metal surface. Its high chemical resistant nature makes it an ideal coating for a variety of substrates.	1.5 KG	Part A 1 KG (Liquid Resin) Part B 500g (Liquid Hardener)	1.09 g/cc	95 SFT @ 100 Micron Thickness
			15 KG	Part A 10 KG (Liquid Resin) Part B 5 KG (Liquid Hardener)		
			30 KG	Part A 20 KG (Liquid Resin) Part B 10 KG (Liquid Hardener)		
36.		A solvent based pigmented epoxy coating material mainly designed for concrete and cementitious surfaces of both floors and walls. It is based on diluted Bisphenol A based Resins and Diluted Polyamide based curing agent. The recommended thickness for Ressi EPO Roll Coat Plus is from 50 to 200 microns in a single coat. Ressi EPO Roll Coat Plus is also suitable for a variety of substrates such as wood, metal, fiberglass and selected plastics. Its anti-fungal and anti-bacterial properties make it an ideal coating for vertical wall applications for hospitals and other health care facilities.	1.33 KG	Part A 1 KG (Liquid Resin) Part B 330g (Liquid Hardener)	1.07 g/cc	99 SFT @ 100 Micron Thickness
			13.3 KG	Part A 10 KG (Liquid Resin) Part B 3.3 KG (Liquid Hardener)		
			26.6 KG	Part A 20 KG (Liquid Resin) Part B 6.6 KG (Liquid Hardener)		

Epoxy Primers For Metals

S.No	Product	Description	Packaging		Mixed Density	Coverage
37.		It is a two-component, high-quality anticorrosive epoxy primer formulated for C1 very low corrosivity environments, as defined in ISO 12944. It provides reliable protection for interior steel structures and equipment exposed to dry indoor conditions, such as offices, warehouses, and clean manufacturing areas.	1 KG	Part A 750g Part B 250g	1.1 g/cc	95 sq.ft @ 100 micron Thickness
			5 KG	Part A 3.75 KG Part B 1.25 KG		
			20 KG	Part A 15 KG Part B 5 KG		
38.		It is a high-performance, two-component anticorrosive epoxy primer specifically designed for C2 low corrosivity environments as defined in ISO 12944. It is formulated to protect steel structures and equipment exposed to low levels of humidity and pollution, typically found in indoor industrial areas and rural outdoor environments.	1 KG	Part A 750g Part B 250g	1.1 g/cc	95 sq.ft @ 100 micron Thickness
			5 KG	Part A 3.75 KG Part B 1.25 KG		
			20 KG	Part A 15 KG Part B 5 KG		
39.		It is a high-performance, two-component anticorrosive epoxy primer specially formulated for C3 medium corrosivity environments as defined in ISO 12944. Designed for protection of steel structures exposed to humidity, salinity, and condensation, it provides excellent adhesion, moisture resistance, and durable corrosion protection.	1 KG	Part A 750g Part B 250g	1.1 g/cc	95 sq.ft @ 100 micron Thickness
			5 KG	Part A 3.75 KG Part B 1.25 KG		
			20 KG	Part A 15 KG Part B 5 KG		
40.		It is a high-performance, two-component anticorrosive epoxy primer specially formulated for C4 high corrosivity environments as defined in ISO 12944. Designed for protection of steel structures exposed to high humidity, industrial pollution, and coastal or offshore conditions, it provides excellent adhesion, moisture resistance, and long-lasting corrosion protection.	1 KG	Part A 800g Part B 200g	1.1 g/cc	94 sq.ft @ 100 micron Thickness
			5 KG	Part A 4 KG Part B 1 KG		
			20 KG	Part A 16 KG Part B 4 KG		

Epoxy Primers For Metals

S.No	Product	Description	Packaging		Mixed Density	Coverage
41.		It is a high-performance, two-component anticorrosive epoxy primer specially formulated for C5 very high corrosivity environments as defined in ISO 12944. Designed for protection of steel structures exposed to extreme humidity, industrial pollution, and coastal, offshore, or aggressive marine conditions, it provides excellent adhesion, moisture resistance, and long-lasting corrosion protection.	1 KG	Part A 800g	1.2 g/cc	87 sq.ft @ 100 micron Thickness
				Part B 200g		
			5 KG	Part A 4 KG		
				Part B 1 KG		
			20 KG	Part A 16 KG		
				Part B 4 KG		
42.		It s a high-performance, two-component anticorrosive epoxy primer specially formulated for Cx corrosivity environments as defined in ISO 12944. Designed for protection of steel structures exposed to extreme humidity, industrial pollution, aggressive marine, or offshore conditions, it provides excellent adhesion, moisture resistance, and long-lasting corrosion protection.			1.22 g/cc	86 sq.ft @ 100 micron Thickness
			1 KG	Part A 800g		
				Part B 200g		
			5 KG	Part A 4 KG		
				Part B 1 KG		
			20 KG	Part A 16 KG		
				Part B 4 KG		

Epoxy Top coats For Metals

S.No	Product	Description	Packaging		Mixed Density	Coverage
43.		It is a high-quality, two-component epoxy-based coating system designed for C1 very low corrosivity environments in accordance with ISO 12944. It provides a smooth, durable, and decorative finish with excellent resistance to abrasion, mild chemicals, and cleaning agents.	1 KG	Part A 750g Part B 250g	1.05 g/cc	100 SFT @ 100 Micron Thickness
			5 KG	Part A 3.75 KG Part B 1.25 KG		
			20 KG	Part A 15 KG Part B 5 KG		
44.		It is a high-performance, two-component epoxy-based coating system designed for C2 low corrosivity environments in accordance with ISO 12944. It provides excellent durability, gloss, and chemical resistance for both indoor and sheltered outdoor applications where limited moisture or pollution exposure occurs.	1 KG	Part A 750g Part B 250g	1.05 g/cc	100 SFT @ 100 Micron Thickness
			5 KG	Part A 3.75 KG Part B 1.25 KG		
			20 KG	Part A 15 KG Part B 5 KG		
45.		It is a high-performance, two-component epoxy-based coating system designed for C3 medium corrosivity environments in accordance with ISO 12944. It provides a durable, UV-stable, and weather-resistant finish with excellent protection against humidity, salt-laden air, and mild chemical exposure.	1 KG	Part A 750g Part B 250g	1.09 g/cc	95.5 SFT @ 100 Micron Thickness
			5 KG	Part A 3.75 KG Part B 1.25 KG		
			20 KG	Part A 15 KG Part B 5 KG		
46.		It is a high-performance, two-component epoxy coating designed for steel substrates protected with anticorrosive primers in C4 high corrosivity environments as defined in ISO 12944. It provides excellent chemical, UV, and weather resistance, enhancing the durability and aesthetic finish of industrial, marine, and coastal steel structures.	1 KG	Part A 800g Part B 200g	1.09 g/cc	95.5 SFT @ 100 Micron Thickness
			5 KG	Part A 4 KG Part B 1 KG		
			20 KG	Part A 16 KG Part B 4 KG		

Epoxy Top coats For Metals

S.No	Product	Description	Packaging		Mixed Density	Coverage
47.		It is a high-performance, two-component epoxy coating designed for steel substrates protected with anticorrosive primers in C5 high corrosivity environments as defined in ISO 12944. It provides superior chemical, UV, and weather resistance, ensuring enhanced durability and long-term protection of steel structures exposed to extremely aggressive industrial, coastal, or offshore conditions.	1 KG	Part A 800g Part B 200g	1.09 g/cc	95.5 SFT @ 100 Micron Thickness
			5 KG	Part A 4 KG Part B 1 KG		
			20 KG	Part A 16 KG Part B 4 KG		
48.		It is a high-performance, two-component epoxy coating formulated for steel substrates protected with anticorrosive primers in extreme corrosivity environments (CX). It is designed for offshore, marine, and industrial structures exposed to the harshest conditions, including constant salt spray, tropical humidity, chemical exposure, and industrial pollutants.	1 KG	Part A 800g Part B 200g	1.15 g/cc	91 SFT @ 100 Micron Thickness
			5 KG	Part A 4 KG Part B 1 KG		
			20 KG	Part A 16 KG Part B 4 KG		
49.		It is a two-component, solvent-free, non-rusting metal-filled epoxy repair compound designed for rebuilding, filling, and repairing worn or damaged metal surfaces. When mixed, the base and hardener react chemically to form a high-strength, machinable compound that adheres strongly to most metals and hard substrates.	500 G	Part A 250g (Base) Part B 250g (Hardener)	1.9 g/cc	NA
			1 KG	Part A 500g (Base) Part B 500g (Hardener)		
			5 KG	Part A 2.5 KG (Base) Part B 2.5 KG (Hardener)		
50.		It is a single-component acidic formulation designed to chemically convert existing rust (hydrated ferric oxide) on steel surfaces into a stable, inert, black ferric complex compound. It contains specialized reactive agents that penetrate rust layers and form a dense, adherent conversion film, temporarily stabilizing the corroded surface and providing a sound base for subsequent coating applications.	1 L		1 g/cc	NA
			5 L			
			20 L			

Notes

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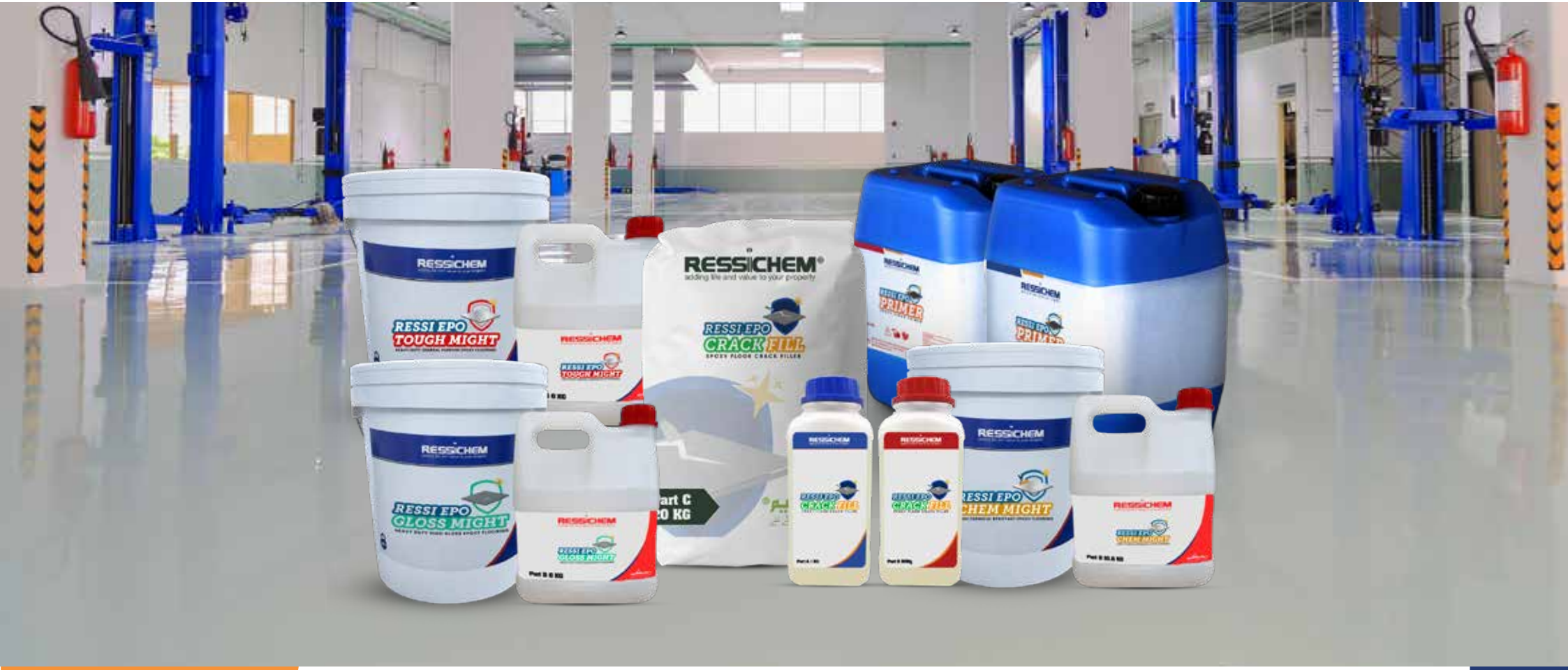

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