



RESSICHEM®
adding life and value to your property

Zepoxy Technical Guide

ریسیکیم®
مضبوطی اور پائیداری کے لئے

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Who we are & what we do?

Ressichem was established in 1999, since its inception, we are proud to cater to the needs of the construction & 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 & 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 and 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 satisfaction, our technical personnel directly coordinate with customers to offer excellent services, product selections & even troubleshoot problems where needed.



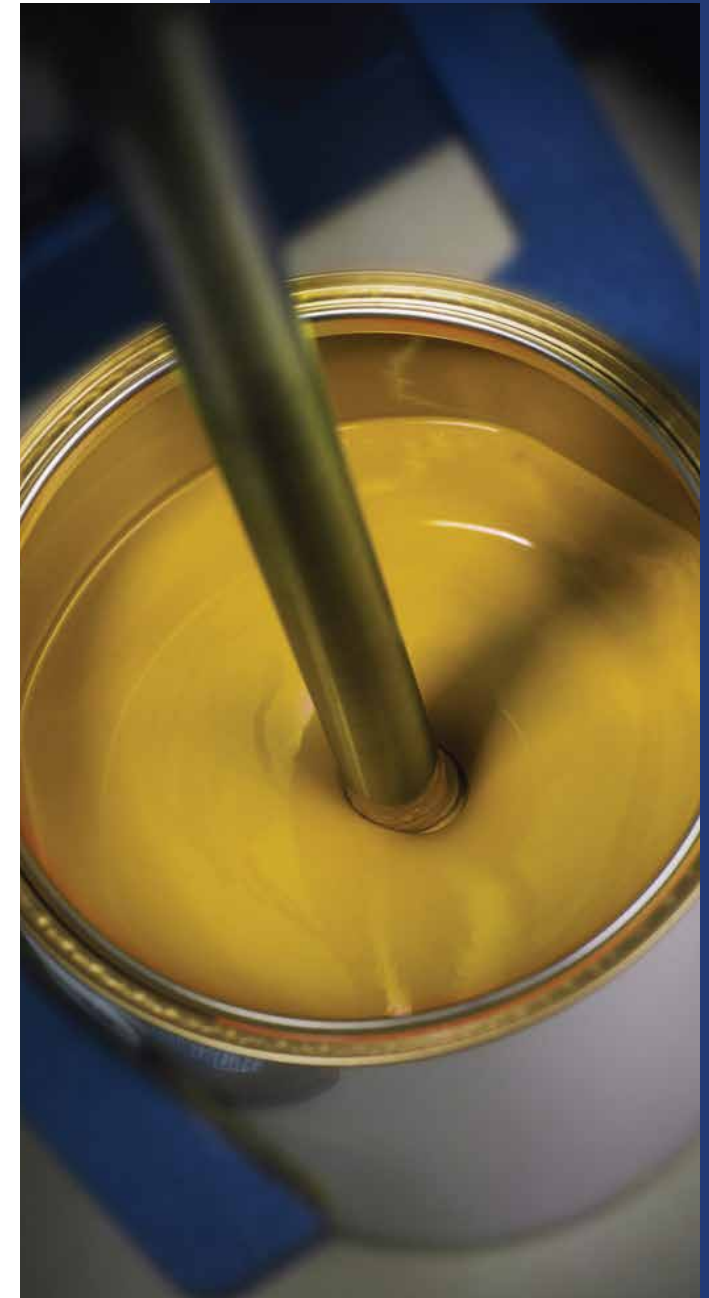
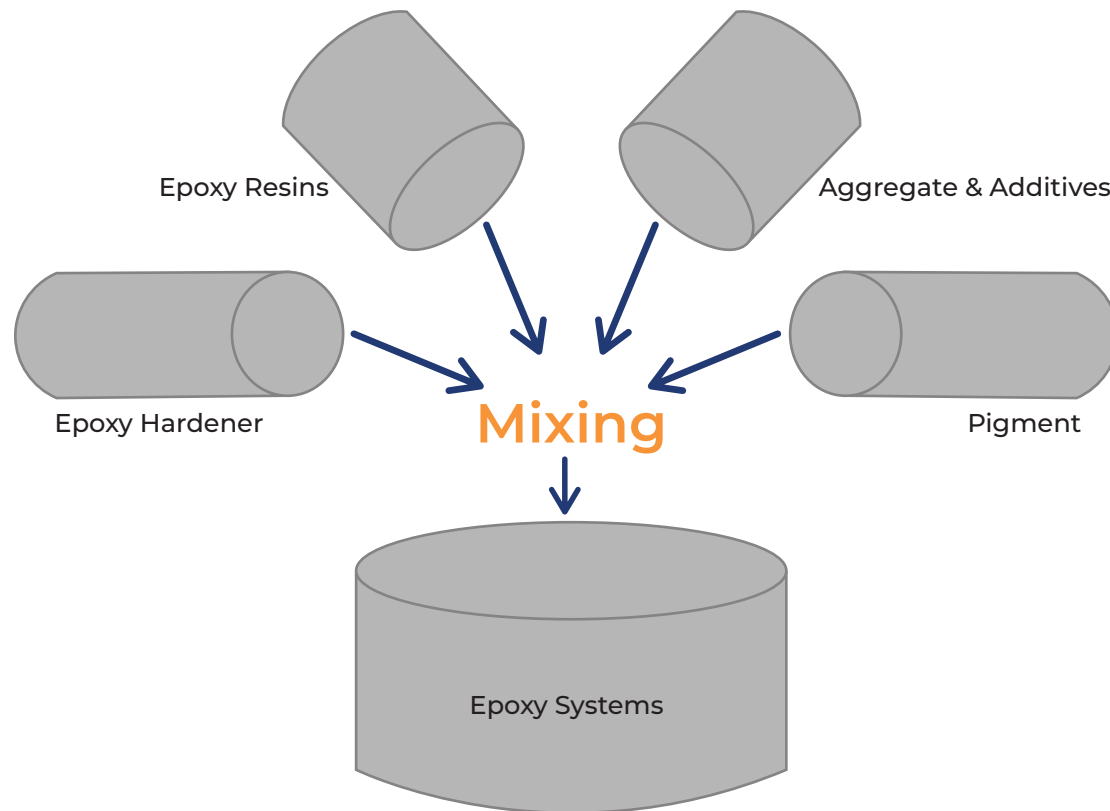
Operating on a customer first philosophy, Ressichem has carved its name in the ever-demanding needs of its industry, by offering world class services and fulfilling customer requirements via quality manufacturing and rigid quality control of products. We believe that the responsiveness and the priority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

Epoxy Resins, Hardeners & Systems at Ressichem

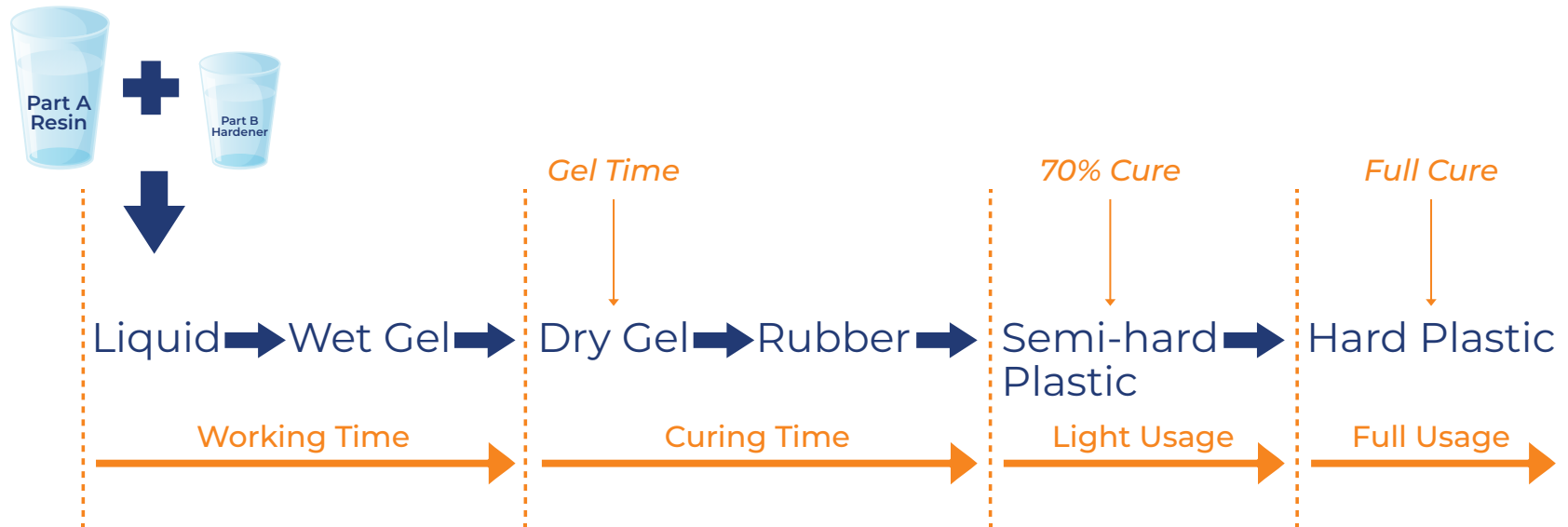
Ressichem manufactures epoxy products in liquid, solid, solutions, blends and multifunctional forms and markets these under the Zepoxy brand. These high quality epoxies find wide application in the automotive, construction, heavy engineering, transport, electronics, food and beverage packing, coatings, composites, adhesives, aviation, aerospace, wind energy and many other industries.

Epoxyes are 2 component polymer plastics formed through series of chemical reactions.

Generally, gel times range from 3 min to 16 hours after 2 components are mixed for formulated epoxyes.



Curing Behaviour of Epoxies



What is Viscosity?

Viscosity is the resistance to flow of any liquid.

Viscosity Range @ 25°C / cps	
<1000	Low viscosity
1000 - 13000	Medium viscosity
>13000	High viscosity

Examples	Viscosity @ 25°C / cps
Water	1
Engine Oil	500 - 1000
Honey	10,000
Peanut Butter	250,000

Our Products

	S.No.	Resins	Product Description	EEW (g/eq)	Viscosity (cps)	Non-volatile %	Appearance
Unmodified resins	1	Zepoxy RER 127	Standard lower viscosity resin compared to RER 128.	185-194	8000-11000	> 98%	clear, colorless to light yellow liquid.
	2	Zepoxy RER 128	Standard Bisphenol A resin	185-200	14000-21000	> 98%	clear, colorless to light yellow liquid.
	3	Zepoxy RER 128Y	Standard yellow resin.	185-205	14000-22000	> 98%	clear to hazy, yellow liquid
	4	Zepoxy RER 130	Standard high viscosity resin.	205-220	70000-150000	> 98%	clear, colorless to light yellow liquid.
	5	Zepoxy RER 134	Semi-solid resin for improved toughness, flexibility, and good adhesion	225-245	-	> 98%	clear, colorless to light yellow liquid.
	6	Zepoxy RER 136	Semi-solid resin for improved toughness, flexibility, and tack compared to RER 134.	290-335	-	> 98%	clear, colorless to light yellow liquid.
Solvent-cut resins	7	Zepoxy RER 134 x 90	Solvent-cut resin with 90% solids, for low VOC coatings with high chemical resistance.	250-275	10000-20000	> 90%	clear, colorless to light yellow liquid.
	8	Zepoxy RER 136 x 90	Standard solvent-cut resin with 90% solids, has high adhesive and mechanical strength.	320-375	40000-90000	> 90%	clear, colorless to light yellow liquid.
	9	Zepoxy RER 011 x 75	Standard solvent-cut resin with 75% solids, has high adhesive and mechanical strength	600-700	10000-20000	75%	clear, colorless to light yellow liquid.
	10	Zepoxy RER 012 x 75	Solvent-cut resin with 75% solids for protective coatings with higher flexibility compared to RER 011X75.	800-950	40000-90000	75%	clear, colorless to light yellow liquid.

Our Products

	S.No.	Resins	Product Description	EEW (g/eq)	Viscosity (cps)	Non-volatile %	Appearance
Reactive-diluent modified resins	11	Zepoxy RER 816	Modified low viscosity resin with resistance to filler settling, excellent wetting and gloss for high filler loading applications including floorings, coatings and pottings.	195-210	1500-3000	> 98%	clear, colorless to light yellow liquid.
	12	Zepoxy RER 816 CR	Modified low viscosity clear resin with resistance to filler settling, excellent wetting and high gloss for high filler loading applications including floorings, coatings and pottings.	190-205	1500-3000	> 98%	Clear, colorless transparent liquid.
	13	Zepoxy RER 816 Y	Modified low viscosity resin with resistance to filler settling, excellent wetting and gloss for high filler loading applications including floorings, coatings and pottings.	195-210	1500-3000	> 98%	clear, yellow liquid.
	14	Zepoxy RER 816 LVCR	Modified low viscosity resin with excellent wetting and ultra high gloss for sealing, thin crack injection and very high filler loading applications, volatile free application.	200-215	400-1200	> 98%	Clear, colorless transparent liquid
	15	Zepoxy RER 124	Modified low viscosity resin with better flexibility, good for flexible/sticker coating with high gloss.	250-280	250-750	> 98%	Clear, colorless transparent liquid
	16	Zepoxy RER 126	Composite grade with high mechanical strength and good impregnation in carbon fiber and glass fiber.	200-212	3000-4000	> 98%	clear, colorless to light yellow liquid.

Our Products

	S.No.	Resins	Product Description	EEW (g/eq)	Viscosity (cps)	Non-volatile %	Appearance
Solid resins	17	Zepoxy RER 011	Type 1 solid resin.	450-525	-	> 98%	lumps
	18	Zepoxy RER 012	Type 2 solid resin.	600-700	-	> 98%	flakes
	19	Zepoxy RER 013	Type 3 solid resin, for powder coatings.	750-850	-	> 98%	flakes
	20	Zepoxy RER 014	Type 4 solid resin, for powder coatings.	900-1100	-	> 98%	flakes
	21	Zepoxy RER 017	Type 7 solid resin, for can coatings.	1750-2000	-	> 98%	flakes
	22	Zepoxy RER 019	Type 9 solid resin, for can coatings.	3000-3500	-	> 98%	flakes
Special Liquid resins	23	Zepoxy RER 816 M	Modified low viscosity resin. Has good defoaming, and levelling properties. Recommended for 3d flooring.	189-200	1500-2300	> 98%	slightly hazy liquid.
	24	Zepoxy RER 816 AL	Modified low viscosity resin. Has good defoaming, pigment dispersion and levelling properties as well. Recommended for use with pigment pastes and 100%+ filler loading applications.	189-200	1500-2300	> 98%	hazy liquid.
	25	Zepoxy RER 169	Standard Bisphenol F resin.	172-178	6000-8000	> 98%	clear liquid.
	26	Zepoxy RER AW106	High end resin for adhesive applications.	200-230	30000-55000	> 98%	creamy liquid viscous

Our Products

	S.No.	Resins	Product Description	EEW (g/eq)	Viscosity (cps)	Non-volatile %	Appearance
Water based resins	27	Zepoxy WR 110	Low viscous standard water soluble resin at 60% solids	335-355	500-1500	60%	milky white emulsion.
	28	Zepoxy WR 220	Medium viscous, self level coating with good water soluble resin at 60% solids	300-350	5000-10000	60%	milky white emulsion.
Reactive Diluent	29	Zepoxy ARD-15	Low viscosity monofunctional reactive diluent based on CNSL	400-550	40-70	> 98%	clear, brown to reddish liquid
	30	Zepoxy RD 10	High performace reactive diluent for high gloss, good flowability & solvent free application	235-245	20-50	> 98%	clear liquid

Our Products

	S.No.	Hardeners	Product Description	Amine Value (mg KOH/g)	Viscosity (cps)	Solid %	Appearance	AHEW
Polyamides	31	Zepoxy REH 140	Standard medium viscosity polyamide hardener with high imidazole content, for electrical potting, castings, corrosion resistant coatings, and as general purpose adhesive.	370-410	8000-12000	> 98%	clear, yellow to brown liquid.	119
	32	Zepoxy REH 125	Standard high viscosity polyamide hardener with higher flexibility and adhesion.	310-360	60000-120000	> 98%	clear, yellow to brown liquid.	152
	33	Zepoxy REH 115	Standard very high viscosity polyamide with high imidazole content providing high flexibility, excellent adhesion and corrosion protection.	270-300	300000-600000	> 98%	clear, yellow to brown highly viscous liquid.	190
	34	Zepoxy REH 145	Medium viscosity polyamide with high adhesive strength and flexibility.	320-340	15000-25000	> 98%	clear, yellow to brown liquid.	152
	35	Zepoxy REH 145 M	Medium viscosity polyamide with high adhesive strength and flexibility, Fast cure as compare to REH-145.	330-360	10000-20000	> 98%	clear, yellow to brown liquid.	152
	36	Zepoxy REH 147	High viscosity polyamide with higher adhesive strength and flexibility than REH 145. Wide range of compatibility with epoxies.	320-350	15000-35000	> 98%	clear, orange to brown liquid.	152
	37	Zepoxy REH 147M	Medium viscosity polyamide with high adhesive strength and flexibility, Fast cure as compare to REH-147	330-360	15000-35000	> 98%	clear, orange to brown liquid.	152

Our Products

	S.No.	Hardeners	Product Description	Amine Value (mg KOH/g)	Viscosity (cps)	Solid %	Appearance	AHEW
Polyamides	38	Zepoxy REH 148	Medium viscosity, less odor and toxicity polyamide with higher adhesive strength and flexibility.	320-360	15000-25000	> 98%	clear, orange to brown liquid.	152
	39	Zepoxy REH 115 MX B70	Special polyamide solution with excellent curing in high humidity/low temperature environments and excellent adhesion to damp substrates.	180-220	20000-30000	70	clear, yellow to brown liquid.	376
	40	Zepoxy REH 953 U	High end hardener for adhesive applications.	300-350	30000-55000	> 95%	clear, yellow to brown viscous liquid.	155
	41	Zepoxy REH 953 U	High end hardener for adhesive applications.	300-350	30000-55000	> 95%	clear, yellow to brown viscous liquid.	155
Amidoamines	42	Zepoxy REH 160	Standard low viscosity amidoamine, suitable for laminating applications and general propose concrete primers. Also applications with high filler levels including adhesives, mortars, grouts.	370-410	300-1000	> 98%	clear, yellow to brown liquid.	118
	43	Zepoxy REH 162	Standard Low Viscosity Reactive Polyamide curing agent for Epoxy Resin to be used in various applications. It is recommended for concrete primers due to its high adhesive strength and for self-leveling floorings.	425-475	300-1000	> 98%	clear, yellow to brown liquid.	99
	44	Zepoxy 160 AD	Medium viscosity Polyamidoamine adduct with low moisture sensivity, corrosion resistance and good resin compatibility.	350-400	1000-3000	> 98%	clear, yellow to brown liquid.	152

Our Products

	S.No.	Hardeners	Product Description	Amine Value (mg KOH/g)	Viscosity (cps)	Solid %	Appearance	AHEW
Cycloaliphatic amines	45	Zepoxy REH 205	High gloss, excellent color stability room temperature curing compositions such as industrial floorings, tank linings, solvent-free coatings, concrete adhesives, etc.	280-310	400-700	> 98%	clear, colorless to light yellow liquid.	105
	46	Zepoxy REH 207	Low viscous clear hardener, resistance to varoius chemicals, excellent color stability room temperature curing compositions such as industrial floorings, tank linings, solvent-free coatings, concrete adhesives, etc.	280-330	150-350	> 98%	clear, colorless to light yellow liquid	105
	47	Zepoxy REH 7301	High gloss, excellent color stability room temperature curing compositions such as industrial floorings, tank linings, solvent-free coatings, concrete adhesives, etc.	290-320	150-350	> 98%	clear, colorless to light yellow liquid.	98
	48	Zepoxy REH E.L.E.C	Moderate gloss, room temperature curing compositions such as industrial floorings, tank linings, solvent-free coatings, concrete adhesives, etc.	280-310	400-700	> 98%	clear yellow to orange liquid	100
	49	Zepoxy REH 470	Next generation cycloaliphatic curing agent, high viscous, excellent chemical resistance, especially design for chemical resistance paint and coating.	210-230	200000-500000	> 98%	clear, colorless to light yellow liquid	180
	50	Zepoxy REH 243	Very low viscosity, high gloss hardener. Requires post-curing to achieve high mechanical properties and 150C heat resistance	630-670	11-19	> 98%	clear liquid	43

Our Products

	S.No.	Hardeners	Product Description	Amine Value (mg KOH/g)	Viscosity (cps)	Solid %	Appearance	AHEW
Polyamines	51	Zepoxy REH 206	Low viscous clear hardener, good flexibility and toughness with long pot life and good adhesion.	270-320	150-350	> 98%	clear, colorless to light yellow liquid	105
	52	Zepoxy REH 241	Low viscosity Long pot life with good flexibility and thermal shock resistance. Excellent adhesion and toughness. Completely miscible with a wide variety of solvents, including water.	470-490	20-40	> 98%	Clear, transparent liquid.	61
Phenalkamines	53	Zepoxy REH 460	Modified phenalkamine curing agent, medium viscous, excellent chemical & water resistance, espe-	220-240	8000-15000	> 98%	Clear, red to brown liquid.	155
	54	Zepoxy REH 460HV	Next generation phenalkamine curing agent, high viscous, excellent chemical & water resistance,	210-230	200000-500000	> 98%	Clear, red to brown liquid.	190
	55	Zepoxy REH 360	Low cost, fast curing, high mechanical strength, adhesive strength and chemical resistant hardener. Ideal for damp environment and under-water curing applications	550-630	250-400	> 98%	clear, red to brown liquid.	70
	56	Zepoxy REH 361	Low cost, medium pot life good mechanical strength, adhesive strength and chemical resistant hardener. Ideal for damp environment and under-water curing applications. Ideal for primer application.	270-320	500-1000	> 98%	clear, red to brown liquid.	152

Our Products

	S.No.	Hardeners	Product Description	Amine Value (mg KOH/g)	Viscosity (cps)	Solid %	Appearance	AHEW
Phenalkamines	57	Zepoxy REH 340	low cost, fast curing, high adhesive strength, good flexibility hardener with good curing qualities in high humidity conditions.	300-330	1300-1900	> 98%	clear, red to brown liquid.	152
	58	Zepoxy REH 345	low cost, fast curing, high adhesive strength, good flexibility hardener with good curing qualities in high humidity conditions	350-390	8000-12000	> 98%	clear, red to brown liquid.	152
	59	Zepoxy REH 347	High viscous, medium pot life with high adhesion strength, good flexibility and toughness, general purpose bio based hardener.	410-450	15000-35000	> 98%	clear, red to brown liquid.	152
	60	Zepoxy REH 348	Medium viscous, medium pot life with high adhesion strength, excellent flexibility and toughness, general purpose bio based and skin safe hardener.	370-420	12000-25000	> 98%	clear, red to brown liquid.	152
Aliphatic Amines	61	Zepoxy REH F-20	Ultra fast curing hardener cum accelerator.	390-430	20000-30000	> 98%	clear, orange to red liquid.	150
	62	Zepoxy REH 7269	Unmodified aliphatic amines, very low viscosity hardener.	1300-1550	10-40	> 98%	clear, colorless to pale yellow liquid.	24
	63	Zepoxy REH 7270	Unmodified aliphatic amines, very low viscosity hardener.	1550-1800	10-40	> 98%	clear, colorless to pale yellow liquid.	21
	64	Zepoxy REH 7271	Unmodified aliphatic amines, very low viscosity hardener.	1250-1350	10-40	> 98%	clear, colorless to pale yellow liquid.	29
	65	Zepoxy REH 7272	Unmodified aliphatic amines, very low viscosity hardener.	1275-1325	10-40	> 98%	clear, colorless to pale yellow liquid.	43

Our Products

	S.No.	Hardeners	Product Description	Amine Value (mg KOH/g)	Viscosity (cps)	Solid %	Appearance	AHEW
Aliphatic Amines	66	Zepoxy REH 2958	Rapid curing hardener cum accelerator for all low gloss applications.	950-1000	200-400	> 98%	clear, yellow to brown liquid.	33
	67	Zepoxy REH-1030	Unmodified Ionic Base catalyst amines.	590-630	180-320	> 98%	clear, colorless to pale yellow liquid.	N/A
	68	Zepoxy REH 2257	Low viscosity general purpose high gloss hardener.	300-350	200-500	> 98%	clear, orange to brown liquid.	104
Anhydrides	69	Zepoxy REH 416	Anhydride hardener for high voltage, high Tg, electrical castings.	-	30-50	> 98%	clear, light yellow liquid.	N/A
Water-based hardeners	70	Zepoxy WH 230	standard water based hardener.	180-250	10000-20000	65%	clear yellow to brown emulsion.	270
	71	Zepoxy WH 330	Medium viscous, self level coating with good water soluble hardener at 60% solids.	200-250	3000-5000	50-60%	clear, light yellow liquid.	220

Our Products

	S.No.	Mixed Systems	Product Description	Mix Ratio	Appearance Part A	Appearance Part B
Brush Potting	72	Zepoxy Brushfix	Moderate curing epoxy system with excellent adhesion to brush ferrules and filaments.	100 : 40	Medium viscosity, off-white liquid.	Medium viscosity, red liquid.
Electronic component potting	73	Zepoxy Electropot	High gloss system for potting of electronic components.	100 : 23	Medium viscosity, black liquid.	Low viscosity, clear to orange liquid.
	74	Zepoxy Electropot Econo	High gloss economical system for potting of electronic components.	100 : 20	Medium viscosity, black liquid.	Low viscosity, orange liquid.
	75	Zepoxy Electropot Plus	High gloss system for potting of electronic components with long working time.	100 : 23	Medium viscosity, black liquid.	Low viscosity, pale yellow to orange liquid.
	76	Zepoxy Electroflex	Clear highly flexible system for potting of bike CDI.	100 : 100	clear liquid.	clear liquid.
	77	Zepoxy Electropot Clear	High gloss clear transparent system for potting of electronic components	100:50	clear liquid.	clear liquid.
	78	Zepoxy Electropot DT-W	Viscous, High gloss, electronic component potting adhesive.	100:25	High viscosity, white liquid	low viscosity, clear liquid
Clear coating	79	Zepoxy 300	General purpose crystal clear coating grade.	100 : 50	Medium viscosity, clear liquid.	Low viscosity, clear liquid.
	80	Zepoxy 350	Low viscosity crystal clear bubble free coating grade with excellent gloss and wetting properties.	100 : 50	Low viscosity, clear liquid.	Low viscosity, clear liquid.
	81	Zepoxy Flexicure	Flexible epoxy system for coating of badges and fabric.	100 : 40	Medium viscosity, clear liquid.	Low viscosity, clear liquid.
	82	Zepoxy Resin Art	Long pot life, low viscosity crystal clear art work with excellent gloss and wetting properties.	100 : 50	Low viscosity, clear liquid.	Low viscosity, clear liquid.

Our Products

	S.No.	Mixed Systems	Product Description	Mix Ratio	Appearance Part A	Appearance Part B
Other coatings	83	Zepoxy 400	High chemical resistance, low viscosity grade.	100:50	Medium viscosity, clear liquid.	Low viscosity, light yellow liquid.
	84	Zepoxy 700	General purpose low gloss pigmented coating grade.	100 : 50	Medium viscosity, clear to light yellow liquid.	Low viscosity, yellow liquid.
	85	Zepoxy 800	Salt-water resistant grade.	100 : 56	Low viscosity, clear liquid.	Low viscosity, light yellow liquid.
	86	Ressi Ceracoat	Advance protection for ceramic surface.	100:33	Medium viscosity, clear to light yellow liquid.	Medium viscosity, yellow to brown liquid.
Table Top Pouring	87	Zepoxy Table Top Deep Pour	Low viscosity casting epoxy with high gloss and crystal clear finish. Has controlled exotherm so upto 12 KG material can be poured at once.	100 : 50	Low viscosity, clear liquid.	Low viscosity, clear liquid.
	88	Zepoxy Glass Cast Plus	Very low viscosity deep casting epoxy with high gloss and crystal clear finish. Has excellent de-aeration properties and long pot life for adjustment of components inside the cast.	100 : 44	Low viscosity, clear liquid.	Low viscosity, clear liquid.
Composite manufacturing	89	Zepoxy Barflex	Three-component epoxy hot curing system, Goods for filament winding and pultrusion processes .	100:90:(0.5-3.0)	Medium viscosity, clear to light yellow liquid.	Low viscosity, clear to light.
	90	Zepoxy LPES (Laminate Production Epoxy System)	Lower viscosity higher working time version of Zepoxy PR Fix.	100 : 30	Low viscosity, clear to light yellow liquid.	Low viscosity, yellow to orange liquid.

Our Products

	S.No.	Mixed Systems	Product Description	Mix Ratio	Appearance Part A	Appearance Part B
Composite manufacturing	91	Zepoxy FPRE (Fiber Preg Roving Epoxy)	Low viscosity, high mechanical strength, clear epoxy system for easy wetting of carbon/glass fibres used to produce fiber glass tanks, pipes and composites.	100 : 14	Low viscosity, clear to light yellow liquid.	Low viscosity, clear liquid.
	92	Zepoxy PR (Paddle Racquet Fix)	Low viscosity, high mechanical strength epoxy for easy wetting of carbon/glass fibres used to produce sports composites.	100:18	Medium viscosity, clear to light yellow liquid.	yellow liquid
Adhesives	93	Zepoxy 100	General purpose adhesive grade with high mechanical strength.	100 : 80	Medium viscosity, clear to light yellow liquid.	Medium viscosity, yellow to brown liquid.
	94	Zepoxy 100 Plus	General purpose adhesive grade with high mechanical strength, cure in normal and low temperature environment as well.	100 : 80	Medium viscosity, clear to light yellow liquid.	Medium viscosity, red to brown liquid.
	95	Zepoxy Tezz	General purpose rapid curing adhesive grade with high mechanical strength, chemical resistance and humid environment curing.	100 : 80	Medium viscosity, clear to light yellow liquid.	Low viscosity, red to brown liquid.
	96	Zepoxy 150	High viscosity adhesive grade.	100 : 80	High viscosity, clear to light yellow liquid.	High viscosity, yellow to brown liquid.
	97	Zepoxy 200	Two component epoxy paste grade.	100 : 80	High viscosity, translucent liquid.	High viscosity, yellow to brown liquid.
	98	Zepoxy Quick	5 min curing crystal clear grade even cures in drops.	100:100	Medium viscosity, clear to light yellow liquid.	Low viscosity, red to brown liquid.

Our Products

Adhesives	S.No.	Mixed Systems	Product Description	Mix Ratio	Appearance Part A	Appearance Part B
	99	Zepoxy کڑا گر	Medium viscous, better pot life with high adhesion strength, excellent flexibility and toughness, general purpose bio based and non corrosive, Specially design for bangles sector.	100 : 80	Medium viscosity, clear to light yellow liquid.	clear, red to brown liquid.
	100	Zepoxy Wood Master	High-strength, medium viscosity epoxy adhesive designed specifically for woodworking applications. It creates a strong, durable bond, making it ideal for structural repairs, gap filling, and other wood projects.	100 : 80	Medium viscosity, clear to light yellow liquid.	clear, red to brown liquid.
	101	Zepoxy Clutch Leather	High-strength epoxy adhesive designed for repairing vehicle clutch plates. It offers medium viscosity for precise bonding and durability under high friction and heat.	100 : 80	Medium viscosity, clear to light yellow liquid.	clear, red to brown liquid.
	102	Zepoxy 600	Very high viscosity adhesive grade.	100 : 80	Very high viscosity, clear to light yellow liquid.	Very high viscosity, yellow to brown liquid.
	103	Zepoxy Steel 5 Min	4-5 min drying thick epoxy with excellent adhesion to unprepared metallic surfaces.	100 : 100	Viscous black liquid.	Viscous grey liquid.
	104	Zepoxy Steel 90 Min	80-90 min drying thick epoxy with excellent adhesion to unprepared metallic surfaces.	100 : 100	Viscous black liquid.	Viscous grey or white liquid.
	105	Zepoxy Crystal	5-6 min drying crystal clear epoxy.	100 : 100	Medium viscosity clear liquid.	Medium viscosity clear liquid.
	106	Zepoxy Ultimate	High strength multi-purpose epoxy adhesive.	100 : 100	High viscosity creamy liquid.	High viscosity orange to brown liquid.

Our Products

	S.No.	Mixed Systems	Product Description	Mix Ratio	Appearance Part A	Appearance Part B
Adhesives	107	Ressi EPO Grout Pro	Ressi EPO Grout Pro (Cartridge) is a high-performance, two-component epoxy tile grout formulated with epoxy resin, premium pigments, and a durable curing agent.	100:100	Non sagging paste.	Non sagging pigment-ed paste.
	108	Ressi EPO Anchor Pro 31	Ressi EPO Anchor Pro 31 is a high-performance, two-component injectable epoxy anchoring adhesive. Formulated for superior bonding of steel rods, bolts, and rebar into concrete, it is ideal for structural reinforcement, fixing of curtain walls, and heavy machinery anchoring.	100:33	Off-White paste.	Red paste.
Floorings & Coatings systems	109	Ressi EPO Crack Fill	Epoxy-based 3-component concrete floor crack filler.	1:0.6:20	-	-
	110	Ressi EPO Crack Fill LV	Low viscous Epoxy-based 3-component concrete floor crack filler.	1:0.6:20	-	-
	111	Ressi EPO Crack Fill WR	Water resistance Epoxy-based 3-component concrete floor crack filler.	1:0.6:20	-	-
	112	Ressi EPO Crack Fill CR	Chemical resistance Epoxy-based 3-component concrete floor crack filler.	1:0.6:20	-	-
	113	Ressi EPO Primer	Low viscosity epoxy with good wetting and adhesion with concrete.	100:60	Low viscosity clear liquid.	clear to yellow liquid
	114	Ressi EPO Primer LV	Low viscosity epoxy primer.	100:80	Very low viscosity clear liquid	clear, brown to red liquid

Our Products

	S.No.	Mixed Systems	Product Description	Mix Ratio	Appearance Part A	Appearance Part B
Floorings & Coatings systems	115	Ressi EPO Primer CR	Low viscous chemical resistance primer.	100:50	Low viscosity clear liquid	clear to yellow liquid.
	116	Ressi EPO Primer WR	Low viscous water resistance primer.	100:80	Low viscosity clear liquid	Clear, brown to red liquid
	117	Ressi EPO Primer WCR	Low viscous water and chemical resistance primer.	100:80	Low viscosity clear liquid	Clear, brown to red liquid
	118	Ressi EPO Iron Primer	Low viscosity red oxide zinc based epoxy primer for iron based substrate.	100:16	Low viscosity, Red pigmented liquid	clear to yellow liquid
	119	Ressi EPO Tough Might	Low viscosity heavy duty general purpose self-leveling pigmented epoxy with high mechanical strength.	100:40	Low viscosity pigmented liquid	clear to pale yellow liquid
	120	Ressi EPO Tough Might Econo	Economical general purpose epoxy self-leveling pigmented epoxy flooring.	100:60	Low viscosity pigmented liquid	clear, brown to red liquid
	121	Ressi EPO Gloss Might	Low viscosity self-leveling pigmented epoxy with glossy, mirror effect finish and acceptable uv and chemical resistance.	100:40	Low viscosity pigmented liquid	clear to yellow liquid
	122	Ressi EPO Gloss Plus	Three component economical, pigmented epoxy with glossy and acceptable uv and chemical resistance. Self level for thick, at least 3mm, coating.	100:35:135	Low viscosity pigmented liquid.	clear to yellow liquid
	123	Ressi EPO Chem Might	Low viscosity self-leveling pigmented epoxy with high chemical resistance.	100:50	Low viscosity pigmented liquid	clear to yellow liquid.

Our Products

S.No.	Mixed Systems	Product Description	Mix Ratio	Appearance Part A	Appearance Part B
124	Ressi EPO Chem Plus	Three component economical, pigmented epoxy with glossy high chemical resistance. Self level for thick, at least 3mm, coating.	100:35:135	Low viscosity pigmented liquid	clear to yellow liquid
125	Ressi EPO Floor Plus	Three components general purpose epoxy self-leveling for thick coating, at least 3mm, pigmented epoxy flooring.	100:40:140	Low viscosity pigmented liquid	clear to yellow liquid
126	Ressi EPO Floor Plus Econo	Three components economical general purpose epoxy self-leveling for thick coating, at least 3mm, pigmented epoxy flooring.	100:48:148	Low viscosity pigmented liquid	clear to yellow liquid
127	Ressi EPO Mid Coat F - GP	Three components general purpose fine aggregate based epoxy mid coat.	100:48:148	Low viscosity pigmented liquid	clear, red to brown liquid
128	Ressi EPO Mid Coat S - GP	Three components general purpose standard aggregate based epoxy mid coat.	100:48:148	Low viscosity pigmented liquid	clear, red to brown liquid
129	Ressi EPO Mid Coat F - CR	Three components Chemical Resistant fine aggregate based mid coat.	100:40:140	Low viscosity pigmented liquid	clear to yellow liquid
130	Ressi EPO Mid Coat S - CR	Three components Chemical Resistant Standard aggregate based mid coat.	100:40:140	Low viscosity pigmented liquid	clear to yellow liquid
131	Ressi EPO Roll coat - Floor	Solvent Free Epoxy Coating System.	100:50	Low viscosity pigmented liquid	clear to yellow liquid
132	Ressi EPO Anti-Static	Epoxy Anti-Static Flooring.	100:50	Medium viscosity pigmented liquid	clear to yellow liquid
133	Ressi EPO Clear Coat - Wall	Clear Epoxy Wall coating.	100:50	Medium viscosity clear liquid	low viscosity, clear liquid

Our Products

Floorings & Coatings systems	S.No.	Mixed Systems	Product Description	Mix Ratio	Appearance Part A	Appearance Part B
	134	Ressi EPO Clear Coat	Clear Epoxy Floor coating.	100:50	Low viscosity, clear liquid	Low viscosity, clear liquid
	135	Ressi EPO Iron Coat	General purpose Metal Epoxy Coating.	100:16	Low viscosity, colored liquid	Low viscosity, yellow to brown liquid
	136	Ressi EPO Iron Coat CR	Chemical Resistance Metal Epoxy Coating.	100:16	Low viscosity, colored liquid	Low viscosity, yellow to brown liquid
	137	Ressi EPO Roll Coat Plus	Economical Epoxy based Floor Coating.	100:33	Low viscosity, colored liquid	Low viscosity, yellow to brown liquid
	138	Ressi EPO Chem Prime 400	High Chemical Resistant Epoxy Coating.	100:50	Medium viscosity, clear liquid	Low viscosity, clear liquid
	139	Ressi EPO Chem Prime 402	Low viscosity High chemical resistant Epoxy Coating.	100:50	Low viscosity, clear liquid	Low viscosity, clear liquid
	140	Ressi EPO Chem Coat 406	Low viscosity High chemical resistant pigmented coating.	100:50	Low viscosity pigmented liquid	clear to yellow liquid

Our Products

S.No.	Mixed Systems	Product Description	Mix Ratio	Appearance Part A	Appearance Part B
141	Ressi EPO Prime - Interior	Anticorrosive Epoxy Primer for C1 Very Low Corrosivity Environments.	100:33	Low Viscosity, Red liquid	Low viscosity, yellow to brown liquid
142	Ressi EPO Shield - Interior	High-Performance Epoxy Topcoat for C1 Very Low Corrosivity Environments.	100:33	Low viscosity, colored liquid	Low viscosity, yellow to brown liquid
143	Ressi EPO Prime - Protected	Anticorrosive Epoxy Primer for C2 Low Corrosivity Environments.	100:33	Low viscosity, Red liquid	Low viscosity, yellow to brown liquid
144	Ressi EPO Shield - Protected	High-Performance Epoxy Topcoat for C2 Low Corrosivity Environments.	100:33	Low viscosity, colored liquid	Low viscosity, yellow to brown liquid
145	Ressi EPO Prime - Urban Mastic	Anticorrosive Epoxy Primer for C3 Medium Corrosivity Environments.	100:33	Low viscosity, Red liquid	low viscosity, clear liquid
146	Ressi EPO Shield - Urban Mastic	High-Performance Epoxy Topcoat for C3 Medium Corrosivity Environments.	100:33	Low viscosity, colored liquid	low viscosity, clear liquid
147	Ressi EPO Prime - Industrial Mastic	Anticorrosive Epoxy Primer for C4 High Corrosivity Environments.	100:25	Low viscosity, Red liquid	low viscosity, clear liquid
148	Ressi EPO Shield - Industrial Mastic	High-Performance Epoxy Topcoat for C4 High Corrosivity Environments.	100:25	Low viscosity, colored liquid	low viscosity, clear liquid
149	Ressi EPO Prime - Marine Mastic	Anticorrosive Epoxy Primer for C5 Very High Corrosivity Environments	100:25	Low viscosity, Red liquid	Low viscous, clear, red to brown liquid
150	Ressi EPO Shield - Marine Mastic	High-Performance Epoxy Topcoat for C5 High Corrosivity Environments.	100:25	Low viscosity, colored liquid	Low viscous, clear, red to brown liquid

Our Products

	S.No.	Mixed Systems	Product Description	Mix Ratio	Appearance Part A	Appearance Part B
Paints & Coatings systems	151	Ressi EPO Prime – Offshore Mastic	Anticorrosive Epoxy Primer for Cx Extreme Corrosivity Environments.	100:25	Low viscosity, Red liquid	Low viscous, clear, red to brown liquid
	152	Ressi EPO Shield – Offshore Mastic	High-Performance Epoxy Topcoat for CX Extreme Corrosivity Environments.	100:25	Low viscosity, colored liquid	Low viscous, clear, red to brown liquid
	153	Ressi EPO Iron Putty	Two-Component Metal Repair and Rebuilding Compound.	100:100	Metallic grey paste	Metallic grey paste
	154	RessiRustOff - CC	Chemically convert existing rust (hydrated ferric oxide) on steel surfaces into a stable, inert, black ferric complex compound.	Single Component	Low Viscous, Brown Liquid	
Other Systems	155	Ressi EPO Thinner	Low viscosity, solvent based Thinner for Epoxy Coating system.	Single Component	Clear, colorless liquid	
	156	Zepoxy CWB	Advanced Composite Solution for Durable Wind Energy Blades.	100 : 20	Medium viscosity, clear liquid	Low viscosity, clear liquid

Our Products

S.No.	Additives	Product Description	Appearance	Min and Max Dosage
157	Zepoxy DF 401	Deaerates filled epoxy systems which results in a decrease in mix product viscosity and bubble free surface.	Ivory fluid.	0.3% - 0.6% (on filled resin)
158	Zepoxy DS 767	Disperses pigments and fillers homogeneously, resulting in decrease in mix system viscosity.	Light yellow, clear viscous liquid.	0.2% - 0.5% (on filled resin)
159	Zepoxy MR 822	Scratch resistance and anti-foaming agent for lowly filled high gloss systems.	Light yellow, transparent liquid.	0.2% - 0.5% (on filled resin)
160	Zepoxy LV 848	Leveling agent, makes the filled product surface crater-free and improves the mirror effect.	Colorless to light yellow liquid.	0.2% - 0.3% (on filled resin)
161	Zepoxy Pigment Paste - White	Standard epoxy compatible easy-to-disperse paste based on opaque pigment with excellent color fastness properties.	White paste.	0.1% - 10% (on pure resin)
162	Zepoxy Pigment Paste - Black	Standard epoxy compatible easy-to-disperse paste based on opaque pigment with excellent color fastness properties.	Black paste.	0.1% - 10% (on pure resin)
163	Zepoxy Pigment Paste - Red	Standard epoxy compatible easy-to-disperse paste based on opaque pigment with excellent color fastness properties.	Red paste.	0.1% - 10% (on pure resin)
164	Zepoxy Pigment Paste - Green	Standard epoxy compatible easy-to-disperse paste based on opaque pigment with excellent color fastness properties.	Green paste.	0.1% - 10% (on pure resin)
165	Zepoxy Pigment Paste - Yellow	Standard epoxy compatible easy-to-disperse paste based on opaque pigment with excellent color fastness properties.	Yellow paste.	0.1% - 10% (on pure resin)
166	Zepoxy Pigment Paste - Blue	Standard epoxy compatible easy-to-disperse paste based on opaque pigment with excellent color fastness properties.	Blue paste.	0.1% - 10% (on pure resin)
167	Zepoxy accl 5130	Epoxy accelerator that decreases working and curing time.	orange to brown liquid	1% - 5% (on pure resin)

Our Products

S.No.	Additives	Product Description	Appearance	Min and Max Dosage
168	Zepoxy accl P31	Amino resin hardener-cum-accelerator.	clear viscous liquid	0.5% - 2% (on pure resin)
169	Zepoxy Plasticizer	Flow promoter for epoxy-based systems.	clear liquid	10% (on pure resin)



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