SIMAB RESIN

Find us in your life

WATER-BASED ACRYLIC & POLYURETHANES RESINS

Who we are

Simab Resin which is established in 1987 is a leading manufacturing company aiming to secure its position as an industry leader in the field of Acrylic and Polyurethane water-based Resins. The factory with an annual production capacity of 8,000 Tons per year, is located in Saveh Industrial estate.

Simab Resin has been a pioneer in creating innovative technologies to help coating formulators meet their customers' most demanding applications.

We meet the requirements of a multi-segment market in diverse industries for water-based Acrylic Resins. Our extensive product line covers a wide range of applications including:

Pressure-sensitive adhesives, Chemical construction, Architectural and Industrial paint, dispersing agent, Thickener agent, Can Coating, Printing and Packaging industrial, Leather industrials, Detergent Industrials, Labeling, and other specialized applications.

Highly skilled and dynamic staff closed interact, within an intricate ISO 9001 prescribed quality assurance system, with their counterparts from the administrative and customer support departments to achieve our overriding goal which is customer's satisfaction and consistency.

Quality of service

At Simab Resin, we are passionate about chemistry and our customers.

Since its establishment, Simab Resin has enjoyed a phenomenal growth rate which has been maintained through our commitment to customer satisfaction. Modern and latest technologies plus constant effort and contrition of diligent and dedicated workforce has led us to this position where we can assure our customers of consistency and quality of our products

Simab Resin ensures the quality, stability, and reproducibility of every delivery. Our extensive know-how, resulting from more than 35 years of experience, enables us to provide technical solutions to our customers' challenges. We provide customized technical support to guide YOU, answer all of your requests, and bring you the optimal solutions in real-time.

Our Missions & Vision

We combine economic success with environmental protection and social responsibility

Our main goals are to maintain customer satisfaction, product quality, and innovation to keep pace with today›s knowledge, at the same time we act responsibly to protect the environment by producing water-based solutions, waste management, and energy optimization.

We have based our sustainability strategy on a few different principles as part of our corporate culture and management systems. To lead in the creation of a green future by integrating business with a vision of sustainability that covers the entire product life cycle is our commitment to the environment and future generations.

Pressure Sensitive Adhesives

Products Simacryl®	Chemical Composition	Solid Content(±1)	pH	Viscosity(cP)	Tg(°C)	Special Features	Application (s)
ETC-901	Vinyl Acrylic	59	6 - 8	3000 - 4000	-37	High solid content, Initial tack, Excellent ahdesion and Shear strength	● Foam Back Coating ● Tile Adhesive
ETC-382C	Vinyl Acrylic	49	8 - 10	5000 - 6000	-37	Excellent initial tack, High adhesion strength	● Foam Back Coating
ETC-501	Vinyl Acrylic	65	6 - 8	1000 - 5000	-35	Good cohesion, High adhesion and Excellent shear strength	● Foam Back Coating
ETC-331	Vinyl Acrylic	52	8 - 10	300 - 1000	-30	Suitable for increasing adhesion strength of all kind of acrylic adhesives formulation	● Foam Back Coating
ETC-021	Pure Acrylic	52	6.5 - 7.5	500 - 1500	-35	Excellent initial tack, good elasticity ad water resistance, good adhesion strength, good film formation on low energy surfaces like silicone papers	● Paper Labes
ETC-301	Vinyl Acrylic	55	3 - 4	<500	-32	Excellent initial tack, good adhesion and shear strength	● Paper Labes
ETC-221	Pure Acrylic	53	7 - 8	800 - 1200	-35	Excellent initial tack, good elasticity ad water resistance, good adhesion strength, good film formation on low energy surfaces like silicone papers	● Paper Labes
ETC-801	Pure Acrylic	54	8 - 10	20 - 100	-43	Excellent Initial tack, good shear	● Packaging Tapes
ETC-701	Pure Acrylic	54	8 - 10	100 - 500	-45	Excellent Initial tack with high shear strength, clear and transparent film on BOPP and OPP surfaces	● Packaging Tapes
ETC-601	Pure Acrylic	50	6.5 - 7.5	<100	-45	Excellent initial tack, fast drying with high transparent film, suitable for high speed process, low viscous	● Packaging Tapes
ETC401	Vinyl Acrylic	48	2 - 3	<1000	-25	Good adhesion, cohesion and shear strength	● Protective Film
ETC-591	Styrene Acrylic	45	6 - 8	400 - 800	10	Applicable to OPP surfaces and laminated paper, no wrinkles after application, fast drying	● Lamination
ETC-031	Pure Acrylic	50	4 - 5	500 - 1500	-40	Medium cohesion characteristics with good initial tack, good elastisity and high water resistance	● Lamination
				Paper Industry			
ER-0304	Acrylic Styrene	50	9 - 10	800 - 1500	25	Forming clear and glossy film with high resistance to UV light, water and alkaline	● Cellulose Pads
ER-0144	Acrylic Styrene	50	6 - 9	1000 - 2000	22	Forming clear and glossy film with high resistance to UV light, water and alkaline	● Cellulose Pads
ENS-78	Acrylic Styrene	50	8 - 10	<500	14	Excellent water and outstanding aging resistance , trasparent film and durability to UV light	● Paper Coating ● Flocking
ESH-503	Acrylic Styrene	50	4 - 5	300 - 900	22	Hard, transparent and colorless film. Resistance to discoloration	● Carbonless Paper ● Paper Coating
				Detergent Industry			
EDM-04	Acrylic Compolymer/ Sodium Salt	40	6.5 - 7.5	1500 - 2500	-	Boost detergency, increasing the adhesion of the powder particles, prevent soil and salts contained in hard water from being deposits on clothes	● Detergent
EDT-03	Acrylic Compolymer/ Sodium Salt	30	6 - 8	<1000	-	Boost detergency, increasing the adhesion of the powder particles, prevent soil and salts contained in hard water from being deposits on clothes	● Detergent
ETH-121	Pure Acrylic	30	3 - 5	<20	43	Acrylic thickener that compatible with many detergent systems, soaps and dispersions	● Detergent
EOP	Acrylic Styrene	40	4 - 5	<100	6	Acrylic thickener that compatible with many detergent systems, soaps and dispersions	● Detergent
				Can Coating and Sealants			
EPS-541	Pure Acrylic	53	3 - 5	20 - 100	-7	Good adhesion as a sealant for the inside can coating. Water resistance	● Printing Ink
ES-06	Pure Acrylic	45	2 - 3	300 - 800	33	Good adhesion for the inside can coating. Good elasticity and flexibility film	● Printing Ink
ENC-710	Vinyl Acrylic	45	4 - 6	<70	45	Good adhesion as a sealnt for can coating	● Printing Ink

Textile Industry

Products Simacryl®	Chemical Composition	Solid Content(±1)	pH	Viscosity(cP)	Tg(°C)	Special Features	Application (s)
ENA-85	Pure Acrylic	45	2 - 3	<300	-14	Washing and abrasion resistance with soft film, resistance to UV light	● Nonwoven Textile ● Fabric Finishing ● Flocking ● Artificial Grass Rug
ENA-56	Pure Acrylic	45	4 - 7	<100	-4	Washing and abrasion resistance with soft film	● Nonwoven Textile ● Fabric Finishing ● Flocking ● Artificial Grass Rug
ENA-66	Pure Acrylic	45	2 - 3	<300	33	Washing and abrasion resistance with soft film, resistance to UV light	● Nonwoven Textile ● Fabric Finishing
ENA-86	Pure Acrylic	45	2 - 3	<300	40	Washing and abrasion resistance with soft film, resistance to UV light	● Nonwoven Textile ● Fabric Finishing
ENA-341	Pure Acrylic	45	8 - 9	<50	-30	Washing and abrasion resistance with soft film, thermal resistance	● Nonwoven Textile ● Fabric Finishing ● Flocking
EW-11	Pure Acrylic	27	6 - 7	1000 - 2000	108	Transparent, rigid film with low tack	● Fabric Finishing
ENC-710	Vinyl Acrylic	45	4 - 6	<70	-17	Soft film, excellent pigment acceptance, high washing and abrasion resistance, foaming ability	● Fabric Finishing ● Flocking
ENC-7101	Vinyl Acrylic	40	4 - 6	<70	-17	Soft film, excellent pigment acceptance, high washing and abrasion resistance, foaming ability	● Fabric Finishing
EVC-721	Vinyl Acrylic	45	4 - 6	20 - 150	29	Excellent pigment acceptance, resistance to UV light	● Fabric Finishing
EVC-821	Vinyl Acrylic	45	4 - 6	20 - 150	29	Excellent pigment acceptance, resistance to UV light	● Fabric Finishing
EVC-641	Vinyl Acrylic	45	4 - 6	<200	-10	Characterized by superior durability. Good filler acceptance	● Fabric Finishing
EP-541	Pure Acrylic	53	3 - 5	20 - 100	5	Crosslinking binder for pigment printing pastes, suitable for flocking, fabric finishing and back coating	● Pigment Printing
ET-43	Vinyl Acrylic	35	6 - 7	<50	-7	Soft film. Good pigment and filler acceptance	● Pigment Printing ● Binder
ET-63	Vinyl Acrylic	34	4 - 6	<50	-17	Soft film. Good pigment and filler acceptance	● Pigment Printing ● Binder
EMT	Vinyl Acrylic	40	6 - 7	<100	-7	Washing and abrasion resistance, no clogging	● Pigment Printing ● Binder
EU-69	Acrylic Styrene	40	2 - 3	20 - 100	-14	Very soft, transparent and colorless film. Suitable washing and abrasion resistance	● Pigment Printing ● Flocking ● Binder
EPS-02	Acrylic Styrene	50	8 - 9	<30	105	No initial tack, compatible with anionic and cationic dispersions	● Buckram
				Leather Coating			
ECH-56	Pure Acrylic	40	5 - 7	<50	-4	Forms a very soft to medium soft film when crosslinked, good durability to both washing and dry cleaning	● Leather Finishing
ECH-17	Pure Acrylic	40	5 - 7	<50	-2	Medium soft emulsion with good adhesion, printability, flexibility and application properties	● Leather Finishing
ECH-08	Pure Acrylic	40	2 - 3	<300	-12	It is characterized by ease of formulation, excellent pigment binding properties, resistance to ultraviolet light, very soft and tacky film	● Leather Finishing
ECH-001	Pure Acrylic	30	4 - 6	<100	-17	Soft Acrylic emulsion with high elasticity, Medium adhesion to leather	● Leather Finishing
ECH-631	Pure Acrylic	35	5 - 7	<150	2	Resistant to drying and staining due to UV light, medium adhesion strength, high heat resistance, good printability	● Leather Finishing
				Printing Industry			
EMT	Vinyl Acrylic	40	6 - 7	<100	-7	Good washing and abrasion resistance, no screen clogging	● Printing Ink
ENA-066	Pure Acrylic	45	2 - 3	<300	33	Durable to both washing and dry cleaning, rigid fim, resistant to UV light, high pigment acceptance, good printability Special	● Printing Ink
EJ-254	Acrylic Styrene	22	9 - 8	<1000	45	extender for gravure printing ink on PVC substrate such as washable wallpaper	● Printing Ink

Thickeners

Products Simacryl®	Chemical Composition	Solid Content(±1)	pH	Viscosity(cP)	Tg(°C)	Special Features	Application (s)
ETH-011	Pure Acrylic	28	2 - 3	<20	84	Good performance, high thickening ability with low resin utilization percentage	● All industries
ETH-04	Pure Acrylic	29	5 - 7	<1500	-7	Builds up and stablizies viscosity by forming a network between Polyurethane, binder molecules & pigment particles.	● All industries
ETH-121	Pure Acrylic	30	3 - 5	<20	43	Acrylic thickeners that compatible with many detergent systems, soaps and dispersions	● All industries

Dispersants

ED-002	Acrylic Homopolymer/ Sodium Salt	40	5 - 6	<1000	-	Suitable for industrial aquatic systems such as evaporators, cooling towers and heat exchanger to acts as dispersing agent and scale inhibitor to avoid calcium and magnesium deposition	● Paint and consturction
ED-007	Acrylic Sulfonated/ sodium Salt	40	3 - 4	<800	-	Provides optimal anti-scale/Corrosion efficiency	● Water Treatment
EDN-002	Acrylic Homopolymer/ Ammonium Salt	34	5 - 6	<1000	-	Improve mechanical stability and rheology of resin	● Paint and consturction ● Tile and Ceramic
ED-001	Acrylic Homopolymer/ Sodium Salt	40	6 - 7	<800	-	Improve mechanical stability and rheology of resin in water treatments, tile and ceramics industries	● Painit and construction
EDN-001	Acrylic Homopolymer/ Ammonium Salt	34	6 - 8	<200	-	Improve mechanical stability and rheology of resin in water treatments, tile and ceramics industries	● Tile and Ceramic

Paint & Construction

ER-0144	Styrene Acrylic	50	6 - 9	1000 - 2000	22	Forming glossy and flexible film with high resistance to UV light, water and alkaline. Wet abrasion resistance with good pigment acceptance	● Architectural Coating ● Mineral Coating ● Tile Adhesvie
ER-0505	Styrene Acrylic	50	7 - 9	800 - 1500	16	Forming glossy and flexible film with high resistance to UV light, water and alkaline. Wet abrasion resistance with good pigment acceptance	● Architectural Coating ● Mineral Coating
ER-0304	Styrene Acrylic	50	9 - 10	800 - 1500	25	Forming glossy and flexible film with high resistance to UV light, water and alkaline. Wet abrasion resistance with good pigment acceptance	● Architectural Coating ● Mineral Coating
ENS-022	Styrene Acrylic	50	7 - 8	400 - 700	5	Forming glossy and flexible film with high resistance to UV light, water and alkaline. Wet abrasion resistance with good pigment acceptance	● Architectural Coating
ENS-78	Styrene Acrylic	45	6 - 8	2000 - 5000	25	Excellent water and outstanding aging resistance, trasparent film with durability to UV light. Can be used as kenitex cotaing	● Architectural Coating
ER-38	Pure Acrylic	45	6 - 8	<300	14	Wet and dry washing durability with glossy film. Good pigment acceptance and resistance to discoloration. Fast drying	● Architectural Coating ● Gouache Color ● Mineral Coating ● Artificial Grass Rug
ER-5524	Styrene Acrylic	49	9 - 10	800 - 1500	12	Forming glossy and flexible film with high resistance to UV light, water and alkaline. Wet abrasion resistance with good pigment acceptance	● Mineral Coating ● Concrete Sealant ● Artificial Grass Rug
ER-0203	Styrene Acrylic	50	6 - 7	4000 - 7000	-2	Forming glossy and flexible film with high resistance to UV light, water and alkaline. Wet abrasion resistance. Excellent pigment acceptance and suitable elasticity	● Mineral Coating Two Component Insulation and Sealant ● Concrete Sealant ● Artificial Grass Rug
ER-5101	Styrene Acrylic	50	4 - 6	<300	-38	Forming glossy and flexible film with high resistance to UV light, water and alkaline. Wet abrasion resistance. Excellent pigment acceptance and suitable elasticity. Compatible with all kind of cements and calcium carbonates	● Concrete Sealant ● Two component ● insulation and Sealant
ESPT-45	Poly Carboxylate Ether	45	5 - 6	400 - 800	-	Concrete carboxylate ether superplasticizer, high water reducing ratio, less slump loss	● Superplasticizer

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