



CHEMISTRY OF TRUST AND SATISFACTION...

POLYMER EMULSIONS

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It is important that our products are not just a product, but a "meaning" in the industry...

Atila ASAL



CHEMISTRY OF TRUST AND SATISFACTION...

Asal Boya Kimya took its first step into the sector in 1978 in Istanbul Kağıthane. It continues its activities in its factory in Istanbul Tuzla Chemists Organized Industrial Zone in 2006 by increasing its production capacity and product variety in order to raise its place in the growing and developing world market and to appeal to more sectors.

Our company, which increases its investments in R&D, production, in-house training and vehicle fleet every year, continues its activities in order to respond to the constantly changing and diversifying demands in the sector with the most suitable products as soon as possible.

It is proud to bring the most accurate and satisfactory products and solutions to customer needs and demands in construction, paint, chemistry, wrought iron, furniture, paper packaging, textile, floor covering, jamb and other industrial sectors.

**It is taking firm steps from yesterday to tomorrow
in serving the country's economy.**

who we are

PAINT BINDERS

paint binders

PAINT BINDERS

PRODUCT NAME	CHEMICAL STRUCTURE	SOLID (wt%)	VISCOSITY (Cps, 25°C)	pH (20°C)	MFTT (°C)	TG (Theoric) (°C)	APPLICATION
LIGAPOL ASA 50/S	S/AC	50 ± 1	10.000-13.000	7,5 - 9	< 0	-2 ± 2	Soft polymer emulsion for interior/exterior high PVC paints, mineral and textured coatings.
LIGAPOL ASA 50	S/AC	50 ± 1	10.000-13.000	7,5 - 9	12 ± 2	12 ± 2	It is a polymer emulsion with high rubbing resistance and good pigment binding capacity for interior/exterior paints, primers, textured coatings.
LIGAPOL ASA 50/T	S/AC	50 ± 1	10.000-13.000	7,5 - 9	19 ± 2	19 ± 2	It is a polymer emulsion with high rubbing resistance and good pigment binding capacity for interior/exterior paints, primers, textured coatings.
LIGAPOL ASA 50-T/LV	S/AC	50 ± 1	1.000-2.000	7,5 - 8,5	19 ± 2	19 ± 2	It is a low viscosity polymer emulsion with high friction resistance and good pigment binding capacity for interior/exterior paints, primers, textured coatings.
LIGAPOL ASA 50/TO	S/AC	50 ± 1	10.000-13.000	7,5 - 8,5	19 ± 2	19 ± 2	It is an odorless polymer emulsion with high friction resistance and good pigment binding capacity for interior/exterior paints, primers, textured coatings.
LIGAPOL SAK 210	S/AC	50 ± 1	10.000-13.000	7,5 - 8,5	17 ± 2	20 ± 2	It is a polymer emulsion with high rubbing resistance and good pigment binding capacity for interior/exterior paints, primers, textured coatings.
LIGAPOL SAK 455	S/AC	46 ± 1	1.500-5.000	7,5 - 9	22 ± 2	27 ± 2	It is a polymer emulsion with high rubbing resistance and good pigment binding capacity for interior/exterior paints, primers, textured coatings.
LIGAPOL AVA 50	VA/AC	50 ± 1	2.000-4.000	3 - 5	10 ± 2	17 ± 2	Vinyl acrylic copolymer with high friction resistance and good pigment binding capacity for interior/exterior paints, primers, textured coatings.
LIGAPOL MPA 051	AC	50 ± 1	<200	10 - 11	34 ± 2	N/A	It is a high strength pure acrylic copolymer developed for road marking paints.
LIGAPOL PAK 442	AC	42 ± 1	<500	8 - 9	42 ± 2	35 ± 2	It is a high strength pure acrylic copolymer suitable for use in interior/exterior paints, hobby paints.
LIGAPOL PAK 450	AC	50 ± 1	1.000-2.000	6 - 8	3 ± 2	7 ± 2	It is a high strength pure acrylic copolymer suitable for use in interior/exterior paints, hobby paints.
LIGAPOL PAK 545	AC	45 ± 1	<500	7 - 9	22 ± 2	30 ± 2	It is a high strength, low viscosity pure acrylic copolymer suitable for use in interior/exterior paints and hobby paints.

LEGEND

S: Styrene | AC: Acrylic | VA: Vinyl Acetate | PVAc: Poly Vinyl Acetate | MFTT: Minimum Film Forming Temperature | TG: Glass Transition Temperature

PAINT BINDERS

PRODUCT NAME	CHEMICAL STRUCTURE	SOLID (wt%)	VISCOSITY (Cps, 25°C)	pH (20°C)	MFTT (°C)	TG (Theoric) (°C)	APPLICATION
LIGAPOL PAK 550/HV	AC	50 ± 1	8.000-10.000	7 - 8	17 ± 2	22 ± 2	It is a high-strength, high-viscosity pure acrylic copolymer suitable for use in interior/exterior paints and hobby paints.
LIGAPOL PAK 550	AC	50 ± 1	2.000-4.000	7 - 8	17 ± 2	22 ± 2	It is a high strength pure acrylic copolymer suitable for use in interior/exterior paints, hobby paints.
LIGAPOL PAK 560	AC	50 ± 1	2.000-4.000	7 - 9	13 ± 2	19 ± 2	It is a high strength pure acrylic copolymer suitable for use in interior/exterior paints, hobby paints.
LIGAPOL PAK 960	AC	50 ± 1	500-1.500	7 - 8,5	16 ± 2	19 ± 2	It is a high strength pure acrylic copolymer suitable for use in interior/exterior paints, hobby paints.
LIGAPOL SAK 276	S/AC	50 ± 1	9.000-13.000	7 - 8,5	18 ± 2	23 ± 3	It is a glossy polymer emulsion with high friction resistance and good pigment binding capacity for interior/exterior paints, primers, textured coatings.
LIGAPOL VAK 280	VA/AC	50 ± 1	5.000-8.000	4 - 5	5 ± 2	12 ± 2	It is a high strength vinyl acrylic copolymer developed for interior/exterior paints, decorative and textured paints.
LIGAPOL VAK 290	VA/AC	50 ± 1	6.000-10.000	3,5 - 5,5	15 ± 2	22 ± 2	It is a high strength vinyl acrylic copolymer developed for interior/exterior paints, decorative and textured paints.
LIGAPOL VAK 422	VA/AC	50 ± 1	4.000-6.000	3,5 - 5,5	8 ± 3	17 ± 3	It is a high strength vinyl acrylic copolymer developed for interior/exterior paints, decorative and textured paints.
LIGAPOL VAK 530	VA/AC	53 ± 1	4.500-7.500	4 - 6	3 ± 2	8 ± 2	It is a high strength vinyl acrylic copolymer developed for interior/exterior paints, decorative and textured paints.
LIGAPOL SAK 465	S/AC	50 ± 1	10.000-12.000	7,5 - 8,5	< 0	-7 ± 2	Soft polymer emulsion for interior/exterior high PVC paints, mineral and textured coatings.
LIGAPOL VAK 255	VA/AC	50 ± 1	12.000-15.000	3,5 - 5,5	11 ± 2	12 ± 2	It is a high strength vinyl acrylic copolymer developed for interior/exterior paints, decorative and textured paints.
LIGAPOL SAK 230	S/AC	50 ± 1	10.000-13.000	7,5 - 8,5	0 ± 2	5 ± 2	Soft polymer emulsion for interior/exterior high PVC paints, mineral and textured coatings.

LEGEND

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CONSTRUCTION CHEMICALS

construction chemicals

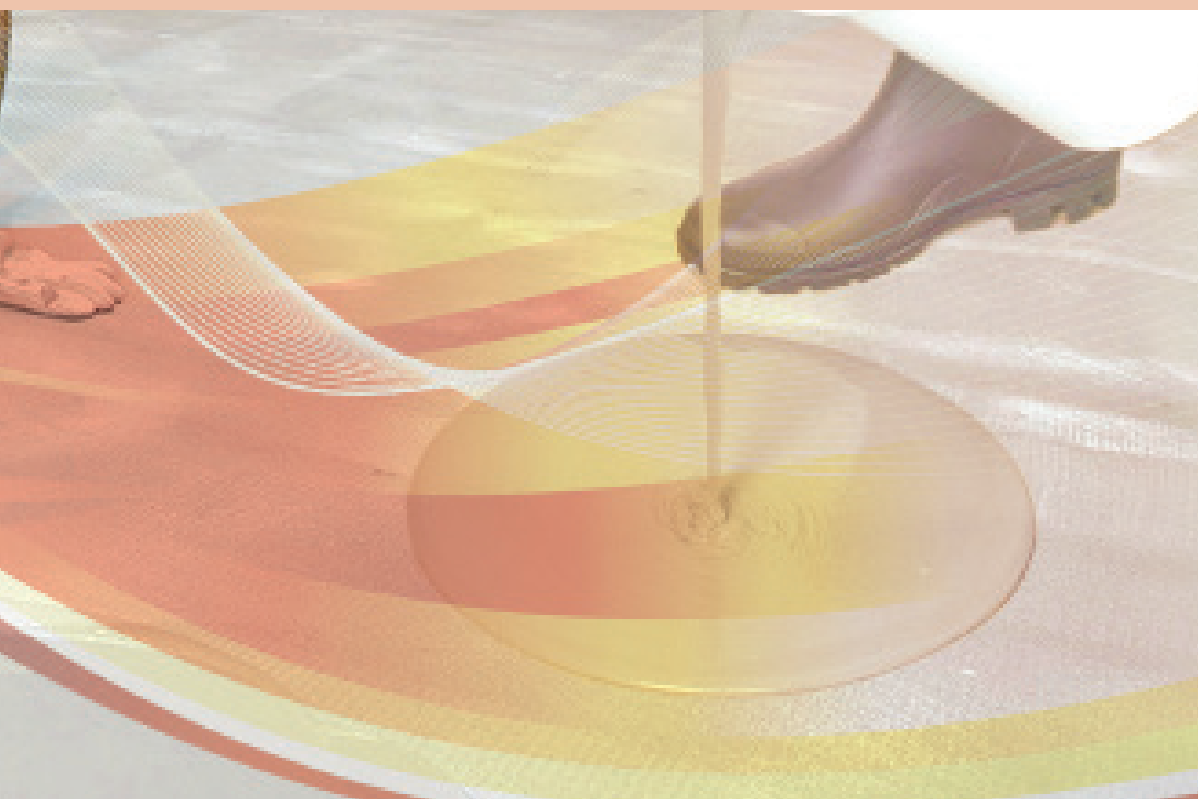


CONSTRUCTION CHEMICALS

PRODUCT NAME	CHEMICAL STRUCTURE	SOLID (wt%)	VISCOSITY (Cps, 25°C)	P pH (20°C) H	MFTT (°C)	TG (Theoric) (°C)	APPLICATION
LIGAPOL ASA 50/S	S/AC	50 ± 1	10.000-13.000	7,5 - 9	< 0	-2 ± 2	It is a styrene acrylic copolymer with high alkali resistance developed for tile adhesives, two-component mortars, cement-based and flat roof insulation coatings, liquid insulation products.
LIGAPOL ASA 50	S/AC	50 ± 1	10.000-13.000	7,5 - 9	12 ± 2	12 ± 2	It is a high strength, styrene acrylic copolymer developed for areas where sealing is required for insulation purposes.
LIGAPOL ASA 50/T	S/AC	50 ± 1	10.000-13.000	7,5 - 9	19 ± 2	19 ± 2	It is a high strength, styrene acrylic copolymer developed for areas where sealing is required for insulation purposes.
LIGAPOL SAK 230	S/AC	50 ± 1	10.000-13.000	7,5 - 8,5	0 ± 2	5 ± 2	It is a high strength, styrene acrylic copolymer developed for areas where sealing is required for insulation purposes.
LIGAPOL SAK 410	S/AC	56 ± 1	1.500-2.000	7 - 8	-3 ± 2	-24 ± 2	It is a high strength, styrene acrylic copolymer developed for areas where sealing is required for insulation purposes.
LIGAPOL SAK 401	S/AC	56 ± 1	<500	6,5 - 8	< 0	-10 ± 2	It is a styrene acrylic copolymer with high alkali resistance developed for two-component mortars, cement-based and flat roof insulation coatings, liquid insulation products.
LIGAPOL SAK 402	S/AC	56 ± 1	1.500-3.500	6,5 - 8	< 0	-10 ± 2	It is a styrene acrylic copolymer with high alkali resistance developed for two-component mortars, cement-based and flat roof insulation coatings, liquid insulation products.
LIGAPOL SAK 601	S/AC	53 ± 1	<500	6,5 - 8	< 0	-23 ± 2	It is a styrene acrylic copolymer with high alkali resistance developed for tile adhesives, two-component mortars, cement-based and flat roof insulation coatings, liquid insulation products.

LEGEND

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CONSTRUCTION CHEMICALS

PRODUCT NAME	CHEMICAL STRUCTURE	SOLID (wt%)	VISCOSITY (Cps, 25°C)	P pH (20°C) H	MFTT (°C)	TG (Theoric) (°C)	APPLICATION
LIGAPOL SAK 701	S/AC	51 ± 1	<500	6,5 - 8	< 0	-31 ± 2	It is a styrene acrylic copolymer with high alkali resistance developed for tile adhesives, two-component mortars, cement-based and flat roof insulation coatings, liquid insulation products.
LIGAPOL VAK 530	VA/AC	53 ± 1	4.500-7.500	4 - 6	3 ± 2	8 ± 2	It is a high strength, vinyl acrylic copolymer developed for areas where sealing is required for insulation purposes.
LIGAPOL SAK 465	S/AC	50 ± 1	10.000-12.000	7,5 - 8,5	< 0	-7 ± 2	It is a high strength, styrene acrylic copolymer suitable for the production of mastic developed for areas where sealing is required for insulation purposes.
LIGAPOL VAK 600	VA/AC	60 ± 1	100-1.000	4 - 7	< 0	25 ± 2	It is a high strength, vinyl acrylic copolymer developed for areas where sealing is required for insulation purposes.
LIGAPOL VAK 750	VA/AC	50 ± 1	<500	4 - 6	< 0	-27 ± 2	It is a high strength, vinyl acrylic copolymer developed for areas where sealing is required for insulation purposes.
LIGAPOL VAK 800	VA/AC	65 ± 1	1.000-2.000	4 - 6	< 0	-45	It is a high strength, vinyl acrylic copolymer developed for areas where sealing is required for insulation purposes.
LIGAPOL VAK 810	PVAc	84 ± 1	15.000-40.000	5 - 7	< 0	N/A	It is a high strength, vinyl acrylic copolymer developed for areas where sealing is required for insulation purposes.

LEGEND S: Styrene | AC: Acrylic | VA: Vinyl Acetate | PVAc: PolyVinyl Acetate | MFTT: Minimum Film Forming Temperature | TG: Glass Transition Temperature

WOOD COATING BINDERS / PAPER & PACKAGING ADHESIVES



WOOD COATING BINDERS

PRODUCT NAME	CHEMICAL STRUCTURE	SOLID (wt%)	VISCOSITY (Cps, 25°C)	pH (20°C)	MFTT (°C)	TG (Theoric) (°C)	APPLICATION
LIGAPOL PAK 545	AC	45 ± 1	300-1.000	7 - 9	22 ± 2	30 ± 2	It is a glossy pure acrylic copolymer with high physical resistance, suitable for use in furniture paint and varnish production.
LIGAPOL PAK 550	AC	50 ± 1	2.000-4.000	7 - 8	17 ± 2	22 ± 2	It is a glossy pure acrylic copolymer with high physical resistance, suitable for use in furniture paint and varnish production.
LIGAPOLPAK550/HV	AC	50 ± 1	8.000-10.000	7 - 8	17 ± 2	22 ± 2	It is a glossy pure acrylic copolymer with high physical resistance, suitable for use in furniture paint and varnish production.
LIGAPOL PAK 560	AC	50 ± 1	2.000-4.000	7 - 9	13 ± 2	19 ± 2	It is a glossy pure acrylic copolymer with high physical resistance, suitable for use in furniture paint and varnish production.
LIGAPOL PAK 960	AC	50 ± 1	500-1.500	7 - 8,5	16 ± 2	19 ± 2	It is a glossy pure acrylic copolymer with high physical resistance, suitable for use in furniture paint and varnish production.

LEGEND

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PAPER & PACKAGING ADHESIVES

PRODUCT NAME	CHEMICAL STRUCTURE	SOLID (wt%)	VISCOSITY (Cps, 25°C)	pH (20°C)	MFTT (°C)	TG (Theoric) (°C)	APPLICATION
LIGASIN KOP 300	PVAc	56 ± 1	1.000-3.000	4 - 6	5	26	Fully automatic serial in-line lug splicing machines are lug glue adhesives used to bond paper to paper.
LIGASIN KOP 310	PVAc	55 ± 1	4.000-8.000	4 - 6	5	26	Fully automatic and semiautomatic, in-line lug splicing machines that work in series are lug glue adhesives used to bond paper to paper.
LIGASIN KOP 320	PVAc	53 ± 1	10.000-15.000	4 - 6	5	26	In semi-automatic inline lug bonding machines and manual systems, lug glue is used to bond paper to paper.



WOOD ADHESIVES

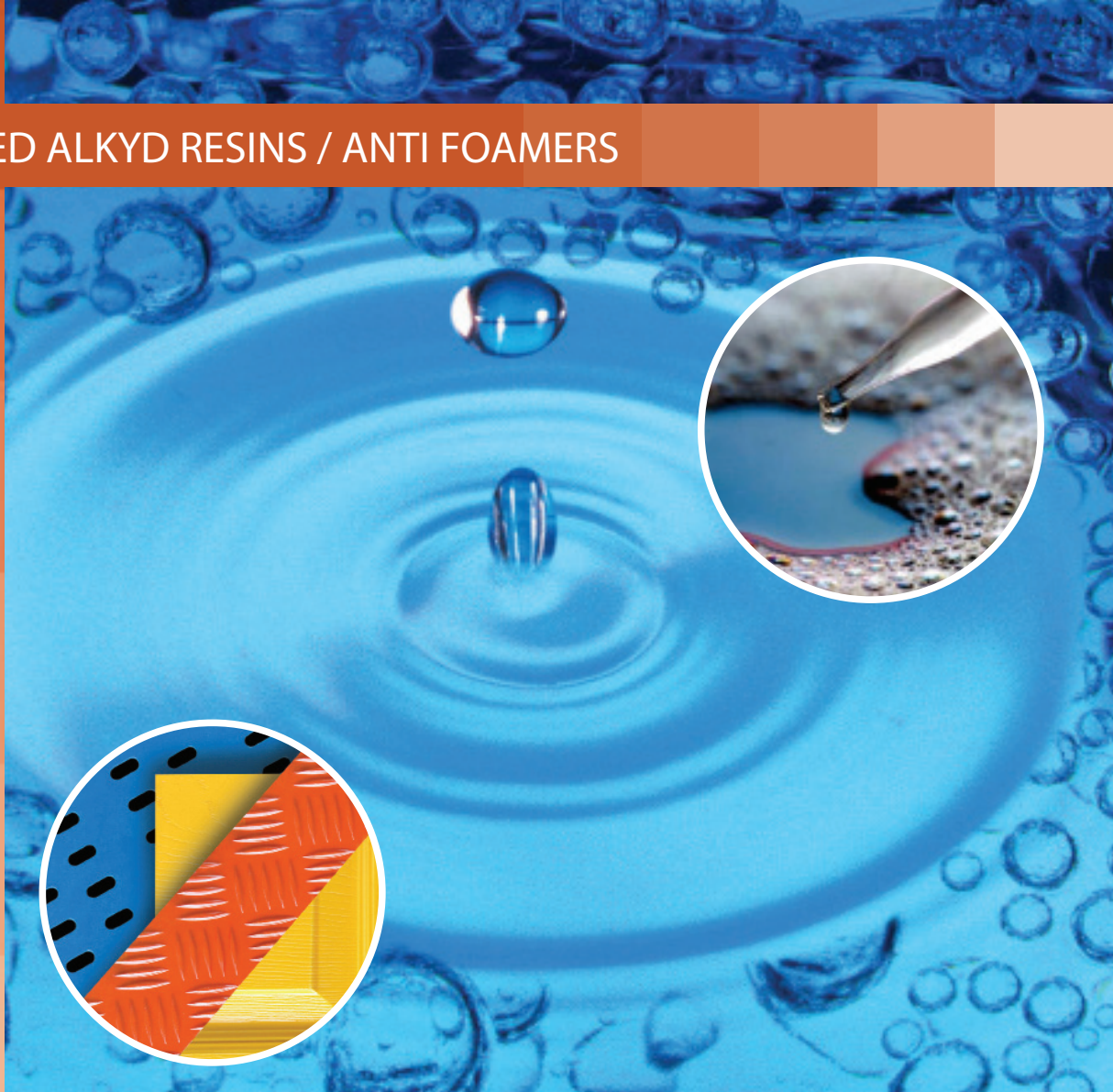
PRODUCT NAME	CHEMICAL STRUCTURE	SOLID (wt%)	VISCOSITY (Cps, 25°C)	TG (Theoric) (°C)	APPLICATION
LIGASIN ADS 300	PVAc	56 ± 1	1.000-3.000	26	Its a transparent elastic glue developed for sprayed fully automatic wood lamination and panel door immersion.
LIGASIN ADS 320	PVAc	53 ± 1	10.000-15.000	26	Its a transparent elastic glue developed for sprayed fully automatic wood lamination and panel door immersion.
LIGASIN ADS 328	PVAc	29 ± 1	20.000-30.000	34	Stationery, hobby, wood and furniture industry.
LIGASIN ADS 335	PVAc	35 ± 1	45.000-60.000	30	Its a general purpose transparent adhesive for paper, wood and furniture. Its ideal for usage on paper, woods and hobby works.
LIGASIN ADS 338	PVAc	38 ± 1	25.000-40.000	30	Adhesive materials such as wood veneers, formica, chipboard and furniture parts.
LIGASIN ADS 340	PVAc	49 ± 1	40.000-60.000	30	Adhesive materials such as wood veneers, formica, chipboard and furniture parts.
LIGASIN ADS 346	PVAc	45 ± 1	35.000-50.000	30	Its a general purpose transparent adhesive for paper, wood and furniture. Its ideal for usage on woods, woodbord and formica.
LIGASIN ADS 350	PVAc	50 ± 1	35.000-50.000	30	Its a general purpose transparent adhesive for paper, wood and furniture. Its ideal for usage on woods, woodboard,formica,furniturepartsandandapplications.
LIGASIN ADS 456	PVAc	55 ± 1	35.000-50.000	32	Its ideal for usage on woods, woodboard and formica. Can be used to glue paper and vinyl coverings. Usefull for lamination purposes.
LIGASIN ADS 645	PVAc	45 ± 1	8.000-14.000	28	Its a general purpose transparent adhesive for paper, wood and furniture. Its ideal for usage on woods, woodboard,formica,furniturepartsandandapplications
LIGASIN ADS 650 D3	PVAc	50 ± 1	35.000-45.000	30	Its a general purpose transparent adhesive for paper, wood and furniture. Its ideal for usage on woods, woodboard,formica,furniturepartsandandapplications
LIGASIN VAK 500	VA/AC	50 ± 1	20.000-40.000	-12	vinyl acrylic copolymer based filler, PVC, acrylic, metal, aluminum etc. meterial adhesive.
LIGASIN ADS 346/S	PVAc	47 ± 1	>100.000	32	It is a general purpose transparent paper adhesive, wood and furniture. Ideal for use on wood, wood and form. can also be used as an emulsion

LEGEND

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WATER BASED ALKYD RESINS / ANTI FOAMERS

water based alkyd resins
anti foamers



WATER BASED ALKYD RESINS

PRODUCT CODE	PRODUCT NAME	SOLID (wt%)	VISCOSITY (Cps, 25°C)	pH (20°C)	APPLICATION
SUBA 1040	Water Based Alkyd Emulsion Resin	40	10.000-14.000	8 - 9	Fast cure. Anticorrosive primers, metal top coats, Industrial paints, Interior/Exterior decorative paints. Wood primers and top coats. Melamine modified heat cure primers, Can be add in acrylics for improving adhesion and gloss.
SUBA 2043	Water Based Alkyd Resin	43	8.000-12.000	8 - 9	Anticorrosive primers, metal top coats, Industrial paints, Interior/Exterior decorative paints, Melamine modified heat cure primers
SUBA 1545	Water Based Core Shell Acrylic-Alkyd Hybrid Resin	45	2.000-5.000	7,5 - 8,5	Very Fast cure. Anticorrosive primers, metal top coats, Industrial paints, Interior/Exterior decorative paints. Wood paints and varnishes.
SUBA 3048	Water Based Acrylic-Alkyd Emulsion Resin	46-48	200-400	8 - 9	Fast cure metal primers and top coats. Wood primers, top coats and varnishes.

SUBAKIM
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ANTI FOAMERS

PRODUCT NAME	CHEMICAL COMPOSITION	ACTIVE (% ±1)	VISCOSITY (Cps, 25°C)	APPLICATION
FOAMFIX 438	Mineral Oil Based	50 - 55	400-800	Mineral oil-based antifoamer. Water based paint, primers, polymerisation, water treatment and conditioning.
FOAMFIX 3150	Mineral Oil Based	34 - 35	400-800	Mineral oil-based antifoamer. Water based paint, primers, polymerisation, water treatment and conditioning.
FOAMFIX 410	Mineral Oil Based	50 - 55	400-800	Mineral oil-based antifoamer. Water based paint, primers, polymerisation, water treatment and conditioning.
FOAMFIX 490	Mineral Oil Based	90 - 100	Max.1000	Mineral oil-based antifoamer. Water based paint, primers, polymerisation, water treatment, low PVS paints and conditioning.



Since the first day of our operation, we have spent all of our power on production quality, trust and customer satisfaction. We know it's worth it...

Ailla ASAL



ASAL BOYA KİMYA SANAYİ. TİC. LTD. ŞTİ.

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