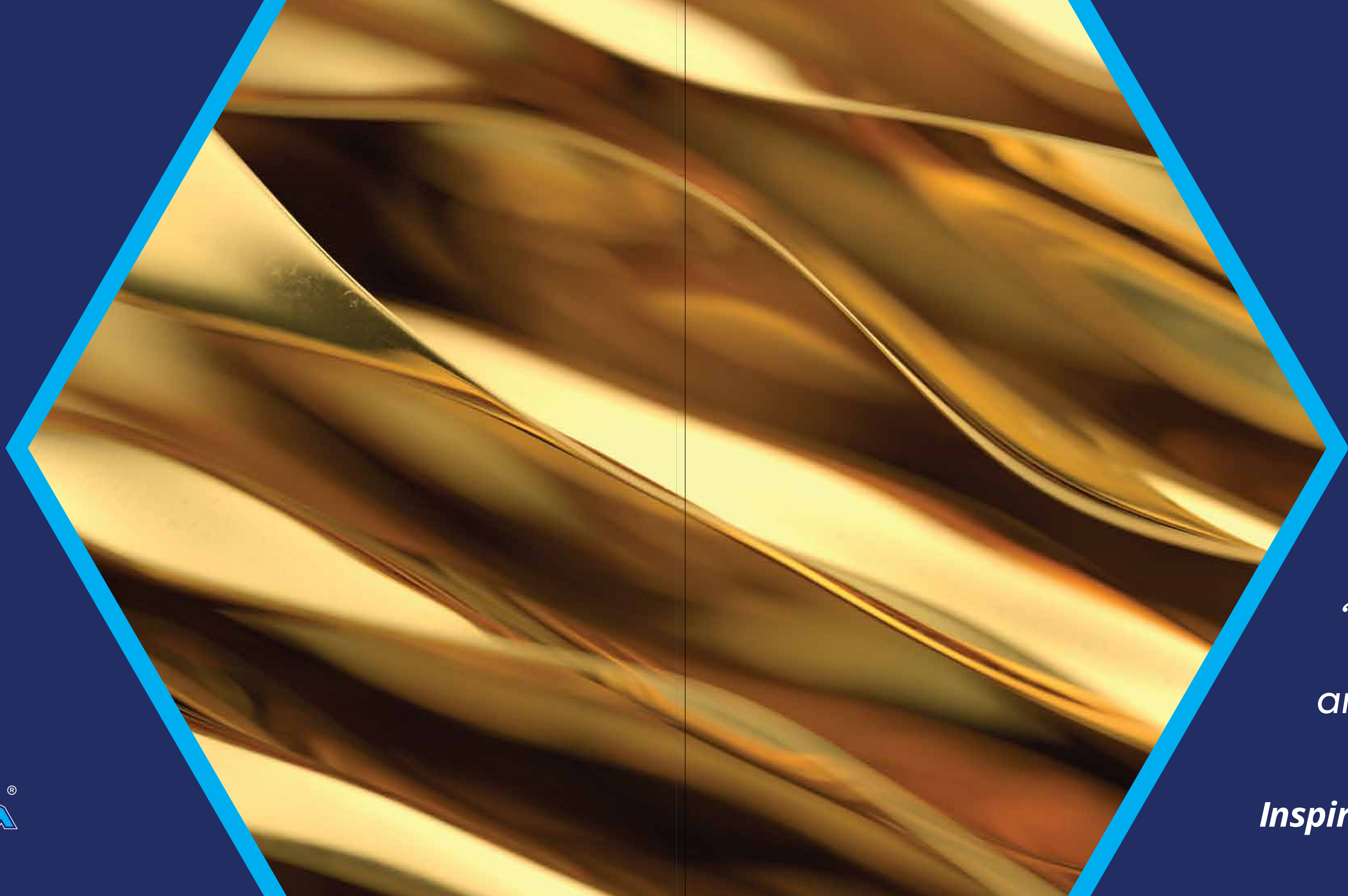




WORLD OF ALKYD RESIN



*Inspired
by you*



“Reliance”
for paint
and varnish
industry.

Inspired by you



We have been producing “Reliance” for our customers since 1981.

Alfa Kimya, a company with a history dating back to 1981, is continuously evolving. It specializes in the production of alkyd resin. By the year 2001, Alfa Kimya had relocated to its modern facility in the Birlik Organized Industrial Site in Tuzla. At that time, the company increased its alkyd resin production capacity from 3,500 tons to 10,000 tons and eventually to 20,000 tons, maintaining full production capacity. To meet growing demands while upholding service quality, Alfa Kimya established a new factory. This move increased its annual capacity to 40,000 tons and also paved the way for a 50% additional capacity for future needs.

Alfa Kimya is unique in its field, being the only company in Turkey dedicated exclusively to alkyd resin manufacturing. The key to its success lies in the quality of service provided to its customers. The company's commitment to quality begins with the selection of raw materials and extends to meticulous control at every stage of production. Alfa Kimya also offers comprehensive logistics support for bulk delivery, using isolated tankers to ensure the timely and fresh delivery of top-quality raw materials and finished products. Technical support, provided by expert engineers, plays a pivotal role in the services offered by the company. Solving challenges related to alkyd resin is a primary mission that Alfa Kimya has undertaken.

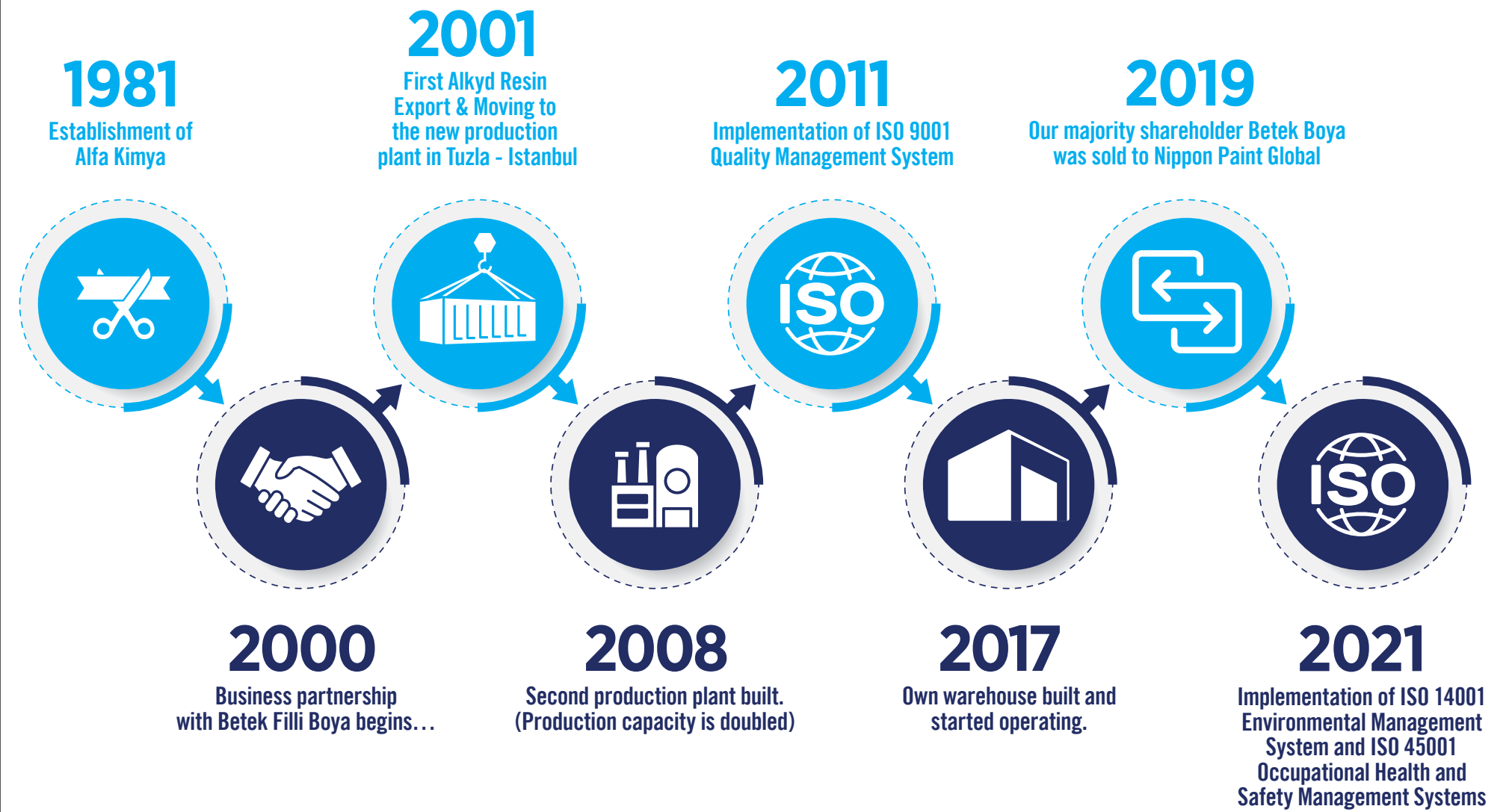
Alfa Kimya consistently updates its product portfolio by introducing new alkyd resins each year. With over 100 types of alkyd resins under its belt, the company continues to expand and enhance its offerings. The differentiation of alkyd resin plays a crucial role in the growth of the paint industry, as the binder is the key raw material that distinguishes decorative, furniture, and industrial paint production.

Alfa Kimya serves paint and varnish manufacturers, catering to a significant portion of the alkyd resin market in the country. The company maintains equal dedication to all paint manufacturers, both small and large.

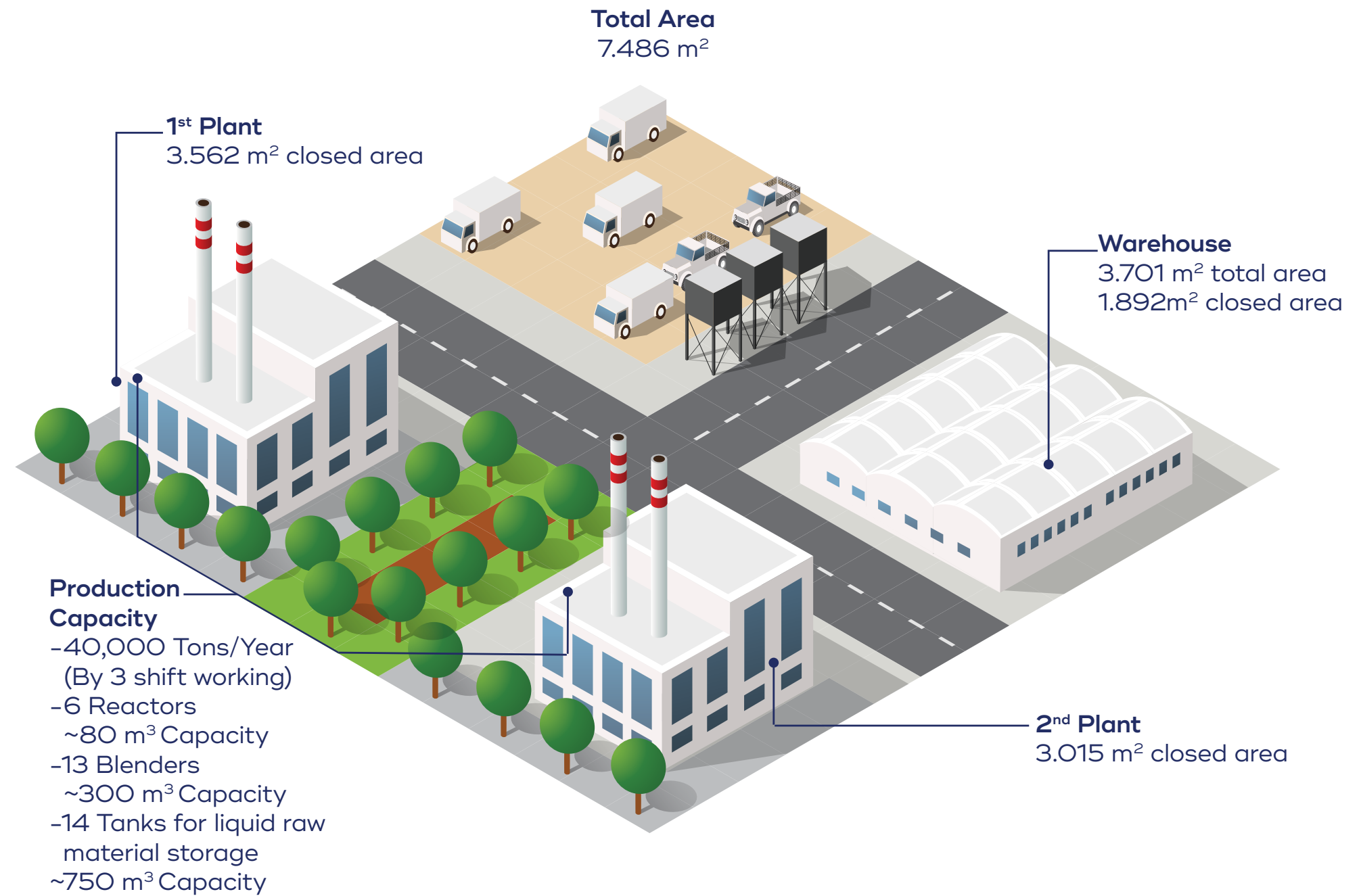
By making strategic investments and earning the trust of its customers through quality, performance, and reliable service, Alfa Kimya has become a leader in the sector. Its success has extended globally, and the company has expanded its distribution network. Alfa Kimya allocates a substantial part of its sales to exports and aims to increase its export volume by 50%. Its products are shipped to 55 countries across four continents, including Europe, North and South America, the Middle East, Africa, and Turkic Republics.

Serving since 1981, Alfa Kimya has built trust with its valued customers and continually enhances and develops its operations to maintain its standing in the market and ensure customer satisfaction. Company employees contribute their expertise to every product and utilize cutting-edge technology at every stage of production, quality control, and research and development.

COMPANY HISTORY AT GLANCE



PLANT LAYOUT



SUPPLY CHAIN



Our products are meticulously packaged to align with the unique requirements of our valued customers, rendering them ideal for various applications. The meticulous consideration of environmental and safety aspects is a pivotal facet during the execution of this process. Leveraging the services of contracted shipping firms, we seamlessly dispatch our products from our manufacturing facility located in Istanbul/Tuzla to destinations spanning the globe.

SHORT OIL ALKYD RESINS FOR INDUSTRIAL COATINGS

PRODUCT	Resin Type	Form of supply	Type of oil	Acid Value (as solid Resin mg/100g)	Viscosity (Pa.s @ Gardner at 25°C)	Color (Gardner 50%)	Technical Description & Benefits
ALFAKYD O27 B75	Short oil Chain-stopped	75% in Butyl Glycol	Soybean-Sunflower	10 max.	9.6 - 11.9 Z5 - Z5+	6 max.	Industrial primers, top coats and metal finishes. Provide fast drying good gloss and gloss retention.
ALFAKYD F23 TX65	Short oil Chain-stopped	65% in Xylene and Toluene (1/1)	Soybean-Sunflower	12 max.	0.7 - 2.0 U+ - Y+	6 max.	Fast drying good hardness especially suggested for industrial primers, hammered paints and finishes, nitrocellulose lacquers and two component systems.
ALFAKYD O27 X60	Short oil Chain-stopped	60% in Xylene	Soybean-Sunflower	12 max.	4.8 - 5.8 Z3 - Z3(+)	7 max.	Very rapid initial and through drying. Good hardness, gloss and gloss retention. Suitable for industrial primers, top coats and hammered paints.
ALFAKYD O27 X55	Short oil Chain-stopped	55% in Xylene	Soybean-Sunflower	12 max.	1.6 - 2.0 X+ - Y+	6 max.	Very rapid initial and through drying. Good hardness, gloss and gloss retention. Suitable for industrial primers, top coats and hammered paints.
ALFAKYD O27 TX65	Short oil Chain-stopped	65% in Toluene/Xylene (1/1)	Soybean-Sunflower	10 max.	8.1 - 11.9 Z4+ - Z5+	6 max.	Industrial clear and pigmented two component polyurethane, nitrocellulose and stoving systems.
ALFAKYD T27 T55	Short oil Chain-stopped	55% in Toluene	TOFA	7 max.	0.7 - 1.1 U - W	6 max.	Yellowing resistance, very quick drying industrial primers, top coats and hammered paints.
ALFAKYD T27 T60	Short oil Chain-stopped	60% in Toluene	TOFA	7 max.	2.0 - 3.1 Z - Z1+	7 max.	Yellowing resistance, very quick drying industrial primers, top coats and hammered paints.
ALFAKYD T30 TX60	Short oil Chain-stopped	60% in Toluene	TOFA	15 max.	3.4 - 5.4 Z2 - Z3+	8 max.	Very fast drying, good hardness, good gloss and gloss retention good yellowing resistance for industrial hammered paint, primers and top coats.
ALFAKYD T30 X50	Short oil Chain-stopped	50% in Xylene	TOFA	12 max.	2.4 - 3.6 Z - Z2	8 max.	Very fast drying, good hardness, good gloss and gloss retention for industrial hammered paint, primers and top coats.
ALFAKYD F30 TX60	Short oil Chain-stopped	60% in Toluene	Soybean-Sunflower	15 max.	3.4 - 5.4 Z2 - Z3+	8 max.	Very fast drying, good hardness, good gloss and gloss retention for industrial hammered paint, primers and top coats.
ALFAKYD F32 T70	Short oil Chain-stopped	70% in Toluene	Soybean-Sunflower	10 max.	(65%) 2.6 - 3.4 Z1 - Z2	7 max.	Fast drying, good hardness, excellent gloss and gloss retention for industrial hammered paint, primers, top coats, polyurethane two component and nitrocellulose lacquers.
ALFAKYD F34 T65	Short oil Chain-stopped	65% in Toluene	Soybean-Sunflower	10 max.	3.8 - 4.8 Z2+ - Z3	6 max.	Very fast drying, good hardness, good gloss and gloss retention for industrial hammered paint, primers and top coats.
ALFAKYD O33 TX60	Short oil phenolic modified	60% in Toluene	Soybean-Sunflower	20 max.	3.1 - 3.9 Z1+ - Z2+	8 max.	Quick drying, good chemical resistance, especially for road marking paints and general industrial coatings.
ALFAKYD X35 T60	Short oil phenolic/Rosin modified	60% in Toluene	Mixed linoleic rich	20 max.	3.1 - 3.7 Z1+ - Z2+	9 max.	Quick drying, good chemical resistance, good through hardening, excellent adhesion especially for road marking paints and general industrial coatings.
ALFAKYD F34 X50	Short oil	50% in Xylene	Sunflower oil fatty acid	20 max.	1.8 - 2.8 Y - Z1	6 max.	Fast drying high gloss and gloss retention, high hardness for two component polyurethane and nitrocellulose lacquer for furniture.
ALFAKYD X38 X60	Short oil phenolic/Rosin modified	60% in Xylene	Linoleic rich	12 max.	3.5 - 5.0 Z2 - Z3+	5 max.	Fast drying high gloss and gloss retention, good adhesion high abrasion resistance, high hardness high outdoor stability for marine paint and industrial primers and topcoats.
ALFAKYD O40 TX65	Short oil	65% in Xylene and Toluene (1/1)	Soybean-Sunflower	10 max.	3.8 - 4.8 Z2 - Z3	7 max.	Semi drying high gloss and gloss retention, good yellowing resistance, good adhesion. Especially for clear and pigmented industrial stoving enamels and polyurethane lacquers and nitrocellulose lacquers for furniture.
ALFAKYD F40 X60	Short oil Chain-stopped	60% in Xylene	Sunflower oil fatty acid	10 max.	2.4 - 5.0 Z - Z2+	9 max.	Semi drying high gloss and gloss retention, good yellowing resistance. Especially for clear and pigmented industrial stoving enamels and polyurethane and nitrocellulose lacquers for furniture.
ALFAKYD T44 TX70	Short oil	70% in Toluene & Xylene	TOFA	10 max.	(60%) 1.7 - 2.4 Y - Z+	6 max.	Good yellowing and chemical resistance, high gloss and gloss retention, very good hardness for two component polyurethane and nitrocellulose lacquers, high stoving temperature roller coatings.
ALFAKYD X41 X60	Short oil	60% in Xylene	Linoleic rich	8 max.	3.4 - 4.8 Z2 - Z3	5 max.	Quick drying, good chemical resistance, excellent adhesion on metal, especially for industrial air drying and baking finishes and nitrocellulose lacquers.
ALFAKYD CO42 X60	Short oil	60% in Xylene	Castor oil	16 max.	2.7 - 4.1 Z1 - Z2+	5 max.	Castor oil based alkyd resin for high quality two component top coats, industrial paints and varnishes, nitrocellulose lacquers and stoving enamels. High gloss and gloss retention.

SHORT OIL ALKYD RESINS FOR WOOD/FURNITURE AND INDUSTRIAL COATINGS



SHORT OIL ALKYD RESINS FOR WOOD/FURNITURE AND INDUSTRIAL COATINGS

PRODUCT	Resin Type	Form of supply	Type of oil	Acid Value (on solid Resin mg(OH)/g)	Viscosity (Pa.s @ Gardner at 25°C)	Color (Gardner 50%)	OH%	Technical Description & Benefits
ALFAKYD O27 T70	Short oil Chain-stopped	70% in Toluene	Soybean-Sunflower	10 max.	6.8 - 8.6 Z4 - Z4+	6 max.	3.3± 0.2	High pigment and filler loading capacity, high gloss and gloss retention. Suitable for clear and pigmented two component polyurethane lacquers, nitrocellulose lacquers and stoving enamels.
ALFAKYD T28 T60	Short oil Chain-stopped	60 % in Toluene	TOFA	5 max.	(55%) 5.1 - 6.5 Z3+ - Z4	5 max.	4.4± 0.2	Extremely fast drying, high yellowing resistance, high gloss and gloss retention. Suitable for quick sanding polyurethane two component sealers, primers and top coats for furniture.
ALFAKYD O28 T60	Short oil	60 % in Toluene	Soybean-Sunflower	10 max.	(55%) 5.8 -7.5 Z3+ - Z4+	7 max.	4.4± 0.2	Fast drying, high gloss and gloss retention. Suitable for economical polyurethane two component sanding sealers, NC lacquers primers and top coats for furniture.
ALFAKYD T31 T65	Short oil Chain-stopped	65% in Toluene	TOFA	8 max.	3.4 -4.4 Z2 - Z3	5 max.	3.5± 0.2	Fast drying, good hardness, excellent gloss and gloss retention for industrial hammered paint, primers, top coats, polyurethane two component and nitrocellulose lacquers.
ALFAKYD T31 X60	Short oil Chain-stopped	60% in Xylene	TOFA	12 max.	2.5 - 4.5 Z1 - Z3	6 max.	4.0± 0.2	Fast drying, good hardness, excellent gloss and gloss retention for industrial hammered paint, primers, top coats, polyurethane two component and nitrocellulose lacquers.
ALFAKYD OF30 X60	Short oil	60% in Xylene	Olive oil	15-20 max.	2.4 - 3.4 Z+ - Z2	7 max.	3.7± 0.2	High gloss and gloss retention, good yellowing resistance. Especially for two component clear and pigmented polyurethane lacquers, nitrocellulose lacquers and stoving enamels.
ALFAKYD OS30 X60	Short oil	60% in Xylene	Special semi drying fatty acid	10 max.	2.2 - 3.6 Z - Z2	4 max.	3.5± 0.2	Light colour, yellowing resistance for two component clear and pigmented polyurethane lacquers, nitrocellulose lacquers and stoving enamels.
ALFAKYD C28 B75	Short oil	75% in Butyl Glycol	Coconut	10 max.	(60%) 0.5 - 0.8 Y - V	2 max.	3.9± 0.2	Non-yellowing clear and pigmented polyurethane lacquers, nitrocellulose lacquers and stoving systems. Chemical resistance high gloss and gloss retention.
ALFAKYD C28 X70	Short oil	70% in Xylene	Coconut	10 max.	15 - 20 Z6 - Z7	2 max.	3.9± 0.2	Non-yellowing clear and pigmented polyurethane two component, nitrocellulose and stoving enamels and top coats. Good gloss and gloss retention.
ALFAKYD C28 X70 -A	Short oil	70% in Xylene	Coconut	10 max.	6.5 - 9.8 Z7 - Z8	2 max.	3.7± 0.2	Non-yellowing clear and pigmented polyurethane, nitrocellulose and stoving enamels and top coats. Good gloss and gloss retention.
ALFAKYD C38 TX70	Short oil	70% in Toluene & Xylene	Coconut	10 max.	5.7 - 6.7 Z3+ - Z4(+)	2 max.	4.4± 0.2	Non-yellowing clear and pigmented polyurethane, nitrocellulose and stoving enamels and top coats. High body, high gloss and gloss retention.
ALFAKYD C25 T70	Short oil	70% in Toluene	Coconut	10 max.	4.5 - 6.0 Z3 - Z4	2 max.	3.9± 0.2	Non-yellowing polyurethane two component systems for wood and metal coatings, stoving enamels, acid curing lacquers, nitrocellulose paints and varnishes. High body, good gloss and gloss retention.
ALFAKYD X28 TX55	Short oil	55% in Toluene & Xylene	Linoleic rich fatty acid	12 max.	1.0 - 1.9 X - Y+	7 max.	4.5± 0.2	Quick drying, high gloss and gloss retention, good hardness. Suitable two component polyurethane and nitrocellulose primers for furniture and low bake industrial stoving enamels.
ALFAKYD F35 TX70	Short oil	70% in Toluene & Xylene	Sunflower oil fatty acid	15 max.	8.1 - 11.0 Z4+ - Z5+	5 max.	5.3 ± 0.2	Excellent gloss, good yellowing resistance alkyd resin for two component polyurethane and nitrocellulose lacquers for furniture and industrial low temperature cure stoving enamels.
ALFAKYD F36 X60	Short oil Chain-stopped	60% in Xylene	Soybean-Sunflower	10 max.	(50%) 1.7 - 2.3 Y - Z	5 max.	3.0± 0.2	Fast drying, good adhesion high abrasion resistance, high hardness high outdoor stability especially for industrial anticorrosive primers, traffic paint, and polyurethane two component and nitrocellulose lacquers for wood coatings.
ALFAKYD C25 B65	Short oil	65% in Butyl Glycol	Coconut	12 max.	4.5 - 5.8 Z3 - Z4	2 max.	3.9± 0.2	Non-yellowing polyurethane two component lacquers for furniture and metal coatings, stoving enamels, nitrocellulose paints and varnishes. High body, good gloss and gloss retention.
ALFADUR F30 TB50	Short oil aromatic urethane modified	50% in Toluene	Soybean-Sunflower	10 max.	2.2 - 3.4 Z - Z2	6 max.	5.1 ± 0.2	Quick drying, high gloss and gloss retention high hardness. Suitable for very fast sanding polyurethane two component sealers, primer for furniture.
ALFAKYD CO42 X60	Short oil	60% in Xylene	Castor oil	16 max.	2.7 - 4.1 Z1 - Z2+	5 max.	4.0± 0.2	Castor oil based alkyd resin for high quality two component top coats, industrial paints and varnishes, nitrocellulose lacquers and stoving enamels. High gloss and gloss retention.
ALFAKYD CO40 BA70	Short oil	70% in Butyl acetate	Castor oil	25 max.	3.8 - 4.8 Z2 - Z3	6 max.	4.0± 0.2	Castor oil based alkyd resin for high quality two component top coats, industrial paints and varnishes, nitrocellulose lacquers and stoving enamels. High gloss and gloss retention.
ALFAKYD T44 TX70	Short oil	70% in Toluene & Xylene	TOFA	10 max.	(60%) 1.7 - 2.4 Y - Z+	5 max.	3.4± 0.2	Good yellowing and chemical resistance, high gloss and gloss retention, very good hardness for two component polyurethane and nitrocellulose lacquers, high stoving temperature roller coatings.
ALFAKYD 1880 X50	Short oil	50% in Xylene	TOFA	10 max.	2.5 - 4.5 Z1 - Z3	6 max.	4.1± 0.2	Good yellowing and chemical resistance, high gloss and gloss retention, good hardness for two component polyurethane and nitrocellulose lacquers for wood and furniture and industrial stoving enamels.
ALFAKYD T35 X50	Short oil Chain-stopped	50% in Xylene	TOFA	12 max.	2.7 - 4.7 Z1 - Z3	6 max.	3.0± 0.2	Fast drying excellent yellowing resistance, high gloss and gloss retention, excellent outdoor durability, good hardness for two component polyurethane and nitrocellulose lacquers for wood and furniture and industrial stoving enamels.
ALFAKYD T44 X60	Short oil	60% in Xylene	TOFA	10 max.	2.2 - 3.6 Z - Z2	5 max.	3.4± 0.2	Good yellowing and chemical resistance, high gloss and gloss retention, good hardness for two component polyurethane and nitrocellulose lacquers, high stoving temperature roller coatings.

MEDIUM OIL ALKYD RESINS FOR INDUSTRIAL AND ARCHITECTURAL COATINGS

MEDIUM OIL ALKYD RESINS FOR INDUSTRIAL AND ARCHITECTURAL COATINGS

PRODUCT	Resin Type	Form of supply	Type of oil	Acid Value (as solid resin mg/100g)	Viscosity (Pa.s & Gardner @ 25°C)	Color (Gardner 50%)	Technical Description & Benefits
ALFAKYD O47 W50	Medium oil	50% in WS	Soybean-Sunflower	5-10	15 - 20 Z6 - Z6+	6 max.	Fast drying, good gloss and gloss retention alkyd resin for interior and exterior industrial finishes, anti-corrosive metal primers, undercoats, decorative coatings and wood varnishes.
ALFAKYD O47 W50-A	Medium oil	50% in WS	Soybean-Sunflower	5-10	1.7 - 2.4 Y - Z+	6 max.	Fast drying, good gloss and gloss retention alkyd resin for interior and exterior industrial finishes, anti-corrosive metal primers, undercoats, decorative coatings and wood varnishes.
ALFAKYD O47 W55-A	Medium oil	55 % in WS	Soybean-Sunflower	5-10 max.	6.2 - 8.1 Z4 - Z5	6 max.	Fast drying, good gloss and gloss retention alkyd resin for interior and exterior industrial finishes, anti-corrosive metal primers, undercoats, decorative coatings and wood varnishes.
ALFAKYD O47 W60-A	Medium oil	60 % in WS	Soybean-Sunflower	5-10 max.	Z10+	6 max.	Fast drying, good gloss and gloss retention alkyd resin for interior and exterior industrial finishes, anti-corrosive metal primers, undercoats, decorative coatings and wood varnishes.
ALFAKYD O47 W50-B	Medium oil	50% in WS	Soybean-Sunflower	10 max.	8.1 - 12.3 Z4+ - Z5+	6 max.	Fast drying, good gloss and gloss retention alkyd resin for interior and exterior industrial finishes, anti-corrosive metal primers, undercoats, decorative coatings and wood varnishes.
ALFAKYD F49 WX55	Medium oil	55% in WS/ Xylene (3:1)	Linoleic rich	4-8 max.	5.0 - 6.4 Z3+ - Z4	5 max.	Fast drying decorative and industrial finishes, primers and undercoats. High gloss and good adhesion on metal.
ALFAKYD F49 X70	Medium oil	70% in Xylene	Linoleic rich	12 max.	5.8 - 7.5 Z3+ - Z4+	5 max.	General industrial quick drying paints, auto repair paints, primers and undercoats.
ALFAKYD F49 WX55-D	Medium oil	55% in WS/ Xylene (3:1)	Linoleic rich	10 max.	5.7 - 6.4 Z3+ - Z4	5 max.	Fast drying decorative and industrial finishes, primers and undercoats. High gloss and good adhesion on metal.
ALFAKYD F49 X70-C	Medium oil	70% in Xylene	Linoleic rich	12 max.	90 - 115 Z9+ - Z10+	5 max.	High viscosity alkyd resin for auto repair paints, industrial finishes, primers and undercoats.
ALFAKYD F50 T70	Medium oil	70% in Toluene	Linoleic rich	10 max.	2.4 - 3.1 Z+ - Z1+	5 max.	Road marking paints, industrial finishes, primers and undercoats.
ALFAKYD F50 X70	Medium oil	70% in Xylene	Linoleic rich	10 max.	4.8 - 5.8 Z3 - Z3+	5 max.	Road marking paints, industrial finishes, primers and undercoats.
ALFAKYD F51 X80	Medium oil	80% in Xylene	Linoleic rich	10 max.	6.1 - 7.5 Z4 - Z4+	5 max.	High solid low VOC general industrial finishes, primers and undercoats.
ALFAKYD O51 W55	Medium oil	55% in WS	Soybean-Sunflower	10 max.	6.8 - 8.0 Z4 - Z4+	5 max.	Air drying interior and exterior industrial finishes, metal anti-corrosive primers, undercoats, air drying finishes and wood varnishes.
ALFAKYD O51 T70	Medium oil	70% in Toluene	Soybean-Sunflower	10 max.	6.8 - 9.3 Z4 - Z4+	5 max.	Fast drying alkyd resin for interior and exterior industrial finishes and anti-corrosive metal coatings.
ALFAKYD O51 W70	Medium oil	70% in WS	Soybean-Sunflower	10 max.	Z10+	5 max.	High viscosity air drying alkyd resin for interior and exterior industrial, anti-corrosive primers, undercoats, air drying finishes and wood varnishes
ALFAKYD X48 W45	Medium oil	45% in WS	Linoleic rich	18 max.	3.4 - 6.2 Z2 - Z4	7 max.	Air drying industrial metal paints and varnishes, direct to galvanized, steel, copper, industrial finishes, primers and undercoats. Excellent adhesion on metal.
ALFAKYD F52 D50	Medium oil	50% in D40	Soybean-Sunflower	10 max.	2.0 - 3.0 Y+ - Z1+	6 max.	Air drying deaeromatized mineral spirit based alkyd resin, for fast drying industrial finishes, and primers and anticorrosive paints.
ALFAKYD 1526 D50	Medium oil	50% in D40	Soybean-Sunflower	12 max.	3.5 - 6.2 Z1+ - Z3+	7 max.	Fast drying, good gloss and gloss retention deaeromatized mineral spirit based air and oven cure industrial finishes, and primers and anticorrosive paints.



LONG OIL ALKYD RESINS FOR ARCHITECTURAL COATINGS

PRODUCT	Resin Type	Form of supply	Type of oil	Acid Value (in solid Resin mg(OH) /g)	Viscosity (Pa.s @ Gardner at 25°C)	Color (Gardner 50%)	Technical Description & Benefits
ALFAKYD O58 W70	Long oil	70% in WS	Soybean-Sunflower	10 max.	40 - 60 Z7 - Z8	5 max.	Good through drying and hardening high gloss and gloss retention for general economical interior and exterior air drying architectural finishes. -primers, -undercoats and topcoats.
ALFAKYD O58 W70-A	Long oil	70% in WS	Soybean-Sunflower	10 max.	90 - 120 Z9+ - Z10+	6 max.	Good through drying and hardening high gloss and gloss retention for general economical interior and exterior air drying architectural finishes. primers, undercoats and topcoats.
ALFAKYD O58 W70-B	Long oil	70% in WS	Soybean-Sunflower	10 max.	50 - 60 Z7+ - Z8	5 max.	Good through drying high gloss and gloss retention for general economical interior and exterior air drying architectural primers, undercoats and topcoats.
ALFAKYD F59 W70	Long oil	70% in WS	Soybean-Sunflower	12 max.	3.4 - 4.5 Z2 - Z3+	6 max.	Good drying high gloss and gloss retention for general economical interior and exterior air drying architectural primers, undercoats and topcoats.
ALFAKYD O60 W60	Long oil	60% in WS	Soybean-Sunflower	12 max.	1.7 - 2.2 Y - Z	5 max.	Good drying high gloss and gloss retention, low viscosity, for general economical interior and exterior air drying architectural, primers, undercoats and topcoats.
ALFAKYD O60 W70	Long oil	70% in WS	Soybean-Sunflower	12 max.	10 - 15 Z5 - Z6	5 max.	Good drying high gloss and gloss retention for general economical interior and exterior air drying architectural primers, undercoats and topcoats.
ALFAKYD O60 D70	Long oil	70% in D40	Soybean-Sunflower	12 max.	15 - 40 Z6 - Z7	5 max.	Good drying high gloss and gloss retention for general low aromatic economical interior and exterior air drying architectural primers, undercoats and topcoats.
ALFAKYD X61 W70	Long oil	70% in WS	Soybean-Sunflower	10 max.	4.4 - 5.4 Z3 - Z3+	5 max.	Excellent through drying high gloss and gloss retention good yellowing resistance, good hardness for high quality interior and exterior air drying architectural and industrial finishes. -primers, -undercoats and topcoats.
ALFAKYD O63 W65	Long oil	65% in WS	Soybean-Sunflower	10 max.	4.4 - 5.4 Z3 - Z3+	5 max.	Excellent through drying high gloss and gloss retention for general interior and exterior air drying architectural primers, undercoats and topcoats.
ALFAKYD O63 W70	Long oil	70% in WS	Soybean-Sunflower	10 max.	15 - 20 Z6 - Z6+	5 max.	Excellent through drying high gloss and gloss retention for high quality interior and exterior air drying architectural and industrial finishes. -primers, undercoats and topcoats.
ALFAKYD O63 W70-A	Long oil	70% in WS	Soybean-Sunflower	10 max.	6.5 - 8.5 Z4 - Z4+	5 max.	Excellent through drying high gloss and gloss retention for high quality interior and exterior air drying architectural and industrial finishes. -primers, -undercoats and topcoats.
ALFAKYD O63 W75	Long oil	75% in WS	Soybean-Sunflower	10 max.	8.8 - 13.7 Z5 - Z5+	5 max.	Excellent through drying high gloss and gloss retention for general interior and exterior air drying architectural and industrial finishes. -primers, -undercoats and topcoats.
ALFAKYD O64 W70	Long oil	70% in WS	Soybean-Sunflower	10 max.	1.2 - 1.8 X - Y	5 max.	Good through drying high gloss and gloss retention for interior and exterior air drying architectural wall, wood, trim and house paints.
ALFAKYD O64 W70-D	Long oil	70% in WS	Soybean-Sunflower	10 max.	0.5 - 0.8 T - V	5 max.	Good through drying high gloss and gloss retention for interior and exterior air drying architectural wall, wood, trim and house paints.
ALFAKYD O64 W73	Long oil	73% in WS	Soybean-Sunflower	10 max.	11 - 13 Z5 - Z5+	5 max.	Excellent through drying high gloss and gloss retention for trim, interior and exterior decorative primers and top coats for metal, wood and wall coatings.
ALFAKYD O64 W80	Long oil	80% in WS	Soybean-Sunflower	10 max.	2.7 - 3.4 Z1 - Z2	5 max.	Excellent through drying high gloss and gloss retention for general interior and exterior air drying architectural and industrial finishes. -primers, -undercoats and topcoats.
ALFAKYD T65 W73	Long oil	73% in WS	TOFA	10 max.	50 - 60 Z7+ - Z8	5 max.	Excellent through drying high gloss and gloss retention for general interior and exterior air drying architectural and industrial finishes. -primers, -undercoats and topcoats.
ALFAKYD O65 W85	Long oil	85% in WS	Soybean-Sunflower	10 max.	10 - 15 Z5 - Z6	5 max.	Excellent through drying high gloss and gloss retention for general interior and exterior air drying architectural and industrial finishes. -primers, -undercoats and topcoats.
ALFAKYD O65 W70	Long oil	70% in WS	Soybean-Sunflower	10 max.	10 - 15 Z5 - Z6	6 max.	Excellent through drying high gloss and gloss retention for high quality interior and exterior air drying architectural primers, trim paints for wall, metal and wood.
ALFAOIL L65 W60	Long oil	60% in WS	-	7 max.	0.2 - 0.3 H+ - L	7 max.	Quick drying very good leveling for industrial metal effect paint especially for aluminium and bronze.
ALFAKYD O65 D70	Long oil	70% in D-40	Soybean-Sunflower	10 max.	15 - 20 Z6 - Z6+	5 max.	Excellent through drying good yellowing resistance high gloss and gloss retention for low aromatic interior and exterior air drying architectural and industrial finishes. -primers, -undercoats and topcoats.
ALFAKYD O64 D73	Long oil	73% in D40	Soybean-Sunflower	10 max.	8.8 - 11 Z4+ - Z5+	5 max.	Good through drying high gloss and gloss retention good yellowing resistance, good hardness for low aromatic interior and exterior air drying architectural and industrial finishes. -primers, -undercoats and topcoats.
ALFAKYD O62 D60	Long oil	60% in D-40	Soybean-Sunflower	10 max.	1.6 - 2.1 Y - Z	5 max.	Excellent through drying good yellowing resistance, good hardness high gloss and gloss retention for low aromatic high quality interior and exterior air drying architectural and industrial finishes. -primers, -undercoats and topcoats.
ALFAKYD 1601 W70	Long oil	70% in WS	Soybean-Sunflower	10 max.	60% 1.2 - 2.6 X - Y	5 max.	Excellent through drying high gloss and gloss retention for high quality interior and exterior air drying architectural and industrial finishes. -primers, -undercoats and topcoats.

VINYL MODIFIED ALKYDS FOR INDUSTRIAL COATINGS

PRODUCT	Resin Type	Form of supply	Type of oil	Acid Value (on solid basis mg/100g)	Viscosity (Pa.s @ Gardner at 25°C)	Color (Gardner 50%)	Technical Description & Benefits
ALFAKYD F29 TX60	Short oil-styrene modified	60% in Toluene & Xylene	Soybean-Sunflower	6 max.	2.0 - 3.4 Y+ - Z1+	6 max.	Quick drying alkyd resin for industrial primers, top coats and hammered paints.
ALFAKYD X46 X60	Medium oil styrene modified	60% in Xylene	Linoleic rich	6 max.	1.8 - 2.9 X - Y+	6 max.	Very fast drying styrene modified alkyd resin for industrial primers, top coats, and hammered paints.
ALFAKYD X46 S60	Medium oil styrene modified	60% in Solvent Naphtha	Linoleic rich	10 max.	1.3 - 2.3 X - Z	6 max.	Very fast drying styrene modified alkyd resin for industrial primers, top coats, and hammered paints.
ALFAKYD X46 X54	Medium oil styrene modified	54% in Xylene	Linoleic rich	6 max.	0.4 - 0.8 P - U+	6 max.	Very fast drying styrene modified alkyd resin for industrial primers, top coats, and hammered paints.
ALFAKYD X31 X60	Short oil styrene modified	60% in Xylene	Linoleic rich	10 max.	1.7 - 3.7 R - T+	5 max.	Very fast drying styrene modified alkyd resin for industrial primers, top coats and hammered paints.
ALFAKYD O39 S75	Short oil vinyl toluene modified	75% in solvent Naphta /Xylene	Soybean-Sunflower	12 max.	9.6 - 13.3 Z5 - Z5+	6 max.	Quick drying vinyl toluene modified alkyd resin for industrial primers, top coats, economic aerosol paints, metal furniture, wood sealers, hardware and toy paints.
ALFAKYD T30 S72	Short oil styrene modified	72% in Solvent Naphtha	TOFA	12 max.	8.2 - 10.9 Z4+ - Z5+	5 max.	Fast drying, flexible alkyd resin for industrial and hammered paints.
ALFAKYD X25 X55	Short oil acrylic modified	55% in Xylene	Linoleic rich	15 max.	1.1 - 1.8 W - Y	7 max.	Very quick drying acrylic modified alkyd resin for industrial coatings, low bake enamels with high adhesion properties on metal.
ALFAKYD OX48 X60	Medium oil styrene modified	60% in Xylene	Linoleic rich	12 max.	1.7 - 2.7 Y - Z1	7 max.	High quality very quick drying styrene modified alkyd resin for industrial primers, rapid paints, and hammered paints with very good adhesion on metal.
ALFAKYD 2382 X55	Short oil styrene modified	55% in Xylene	Linoleic rich	12 max.	15 - 20 Z6 - Z6+	5 max.	Very fast drying high viscosity styrene modified alkyd resin for industrial primers, top coats, and hammered paints.
ALFAKYD 2582 BA60	Short oil acrylic modified	60% in Butyl Acetate	Linoleic rich	12 max.	1.1-1.8 W-Y	4 max.	Fast drying acrylic modified alkyd resin for industrial coatings, low bake enamels with high adhesion properties on metal.

URETHANE MODIFIED ALKYDS FOR ARCHITECTURAL INDUSTRIAL AND MARINE COATINGS



URETHANE MODIFIED ALKYDS FOR ARCHITECTURAL INDUSTRIAL AND MARINE COATINGS

PRODUCT	Resin Type	Form of supply	Type of oil	Acid Value (as solid Resin mg(OH)/g)	Viscosity (Pa.s @ Gardner at 25°C)	Color (Gardner 50%)	Technical Description & Benefits
ALFADUR O53 W55	Medium oil urethane modified	55% in WS	Soybean-Sunflower	3 max.	8.2 - 13.6 Z4+ - Z6	8 max.	Fast drying very good hardness excellent outdoor durability for parquet, yacht and industrial anticorrosive metal paints and varnishes.
ALFADUR O56 W60	Medium oil urethane modified	60% in WS	Soybean-Sunflower	4 max.	1.9 - 2.6 Y+ - Z1	8 max.	High gloss and gloss retention, flexibility and good outdoor durability for general purpose parquet, yacht and anticorrosive metal paint.
ALFADUR F57 WS 60	Long oil urethane modified	60% in WS/ Solvent Naphtha	Soybean-Sunflower	7 max.	2.0 - 3.1 Y+ - Z1+	6 max.	Fast drying, outstanding weathering resistance good yellowing resistance aliphaticurethane modified alkyd resin suitable for auto refinishing, exterior industrial metal and wood coatings.
ALFADUR T59 WS60	Long oil urethane modified	60% in WS/ Solvent Naphtha	TOFA	7 max.	2.4 - 3.4 Z - Z2	7 max.	Fast drying high yellowing resistance paint and varnishes for auto refinishing, metal and wood coatings.
ALFADUR T59 W60	Long oil urethane modified	60% in WS	TOFA	7 max.	2.4 - 3.4 Z - Z2	7 max.	Fast drying high yellowing resistance paint and varnishes for auto refinishing, metal and wood coatings.
ALFADUR X61 W55	Long oil urethane modified	55% in WS	Linoleic rich	3 max.	1.8 - 2.4 Y - Z+	7 max.	Fast drying alkyd resin for parquet, marine and general industrial paint and varnishes.
ALFADUR O63 D58	Long oil urethane modified	58% in D40	Soybean-Sunflower	2 max.	0.8 - 1.0 U+ - W	7 max.	Fast drying, excellent outdoor durability, especially for direct to metal, hammered, wood and marine primer and top coats.
ALFADUR O65 W55	Long oil urethane modified	55% in WS	Soybean-Sunflower	3 max.	0.5 - 0.8 R+ - V	8 max.	High gloss good hardness for parquet, yacht and anticorrosive metal paints for interior and exterior use.
ALFADUR O65 W60	Long oil urethane modified	60% in WS	Soybean-Sunflower	3 max.	2.7 - 4.1 Z1 - Z2+	7 max.	High gloss good hardness for parquet, yacht and anticorrosive metal paints for interior and exterior use.
ALFADUR O68 W65	Long oil urethane modified	65% in WS	Soybean-Sunflower	3 max.	7 - 10 Z4+ - Z5+	7 max.	Aromatic urethane oil resin for high quality parquet, marine and industrial varnish and paint.
ALFADUR T68 D60	Long oil urethane modified	60% in D40	Soybean-Sunflower	5 max.	1.3 - 1.9 X - Y+	7 max.	Fast drying yellowing resistance excellent outdoor durability urethane modified alkyd resin for low aromatic solvent parquet, yacht and anticorrosive metal paint for interior and exterior use.
ALFADUR F63 D60	Long oil urethane modified	60% in D40	Soybean-Sunflower	3 max.	1.8 - 2.4 Y - Z+	6 max.	Fast drying, excellent outdoor durability, especially for direct to metal, hammered, wood and marine primer and top coats.
ALFADUR O50 W50	Medium oil urethane modified	50% in WS	Soybean-Sunflower	3 max.	2.3 - 3.4 Z - Z2	7 max.	Fast drying, good adhesion, excellent outdoor durability Urethane modified alkyd resin for parquet, yacht and anticorrosive metal paint.
ALFADUR F57 X60	Long oil urethane modified	60% in Xylene	Soybean-Sunflower	7 max.	0.5 - 0.9 R+ - V	6 max.	Outstanding weathering resistance aliphatic urethane modified alkyd resin suitable for auto refinishing and industrial metal coatings.
ALFADUR 9108 D80	Long oil urethane modified	80% in D40	Soybean-Sunflower	2 max.	5 - 10 Z3 - Z5	6 max.	Fast drying, excellent outdoor durability, VOC compliant aromatic urethane modified alkyd resin for parquet, marine and anticorrosive metal coatings.

VOC COMPLIANT HIGH SOLID ALKYD RESINS FOR ARCHITECTURAL INDUSTRIAL AND WOOD PROTECTIVE COATINGS

VOC COMPLIANT HIGH SOLID ALKYD RESINS FOR ARCHITECTURAL INDUSTRIAL AND WOOD PROTECTIVE COATINGS

PRODUCT	Resin Type	Form of supply	Type of oil	Acid Value (as solid Resin mg(OH)/g)	Viscosity (Pa.s @ Gardner at 25°C)	Color (Gardner 50%)	Technical Description & Benefits
ALFAKYD F72 D85	Long oil	85% in D60	Sunflower oil fatty acid	8 max.	(20°) 7 - 8 Z3 - Z4-	5 max.	Good drying, VOC compliant, high gloss and gloss retention interior and exterior architectural paints, protective wood coatings and pigment pastes, Printing inks
ALFAKYD F73 D85	Long oil	85% in D40	Linoleic rich fatty acid	8 max.	6.0 - 8.0 Z2+ - Z3+	5 max.	Good drying, VOC compliant, high gloss and gloss retention interior and exterior architectural paints, protective wood coatings and pigment pastes, Printing inks
ALFAKYD F71100	Long oil	98% min.	Sunflower oil fatty acid	10 max.	2.3 - 3.6 Z - Z2	6 max.	High gloss and gloss retention good yellowing resistance for VOC compliant interior and exterior architectural wall and trim paints, wood coatings, pigment pastes and printing inks. Modifier for acrylic emulsion paint to increase gloss and adhesion.
ALFAKYD L70100	Long oil	97% min.	Linseed oil fatty acid	10 max.	2.4 - 3.4 Z - Z2	8 max.	High gloss and gloss retention, good drying for VOC compliant interior and exterior architectural wall and trim paints, wood coatings, pigment pastes and printing inks. Modifier for acrylic emulsion paint to increase gloss and adhesion.
ALFAKYD F69 W88	Long oil High solid	88 % in WS	Linseed oil fatty acid	5 - 10 max.	3.4 - 4.7 Z1+ - Z3	5 max.	High solid, low VOC air drying decorative interior and exterior architectural paints and protective wood coatings and pigment pastes.
ALFAKYD T75100	Long oil High solid	94% min.	TOFA	10 max.	0.7 - 1.3 U+ - X	7 max.	High gloss and gloss retention good dring, good yellowing resistance for VOC compliant interior and exterior architectural wall and trim paints, wood coatings, pigment pastes and printing inks. Modifier for acrylic emulsion paint to increase gloss and adhesion.
ALFAKYD F37 X75	Short oil High solid	75% in Xylene	Sunflower oil fatty acid	15 max.	6.3 - 8.1 Z4+ - Z5-	7 max.	Good yellowing resistance, high gloss and gloss retention, excellent weathering resistance for low VOC industrial paints and stoving finishes.
ALFADUR 9108 D80	Long oil High Solid urethane modified	80% in D40	Soybean-Sunflower	2 max.	5 - 10 Z3 - Z5	6 max.	Fast drying, excellent outdoor durability, VOC compliant aromatic urethane modified alkyd resin for parquet, marine and anticorrosive metal coatings.



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