



# WORLD OF ALKYD RESIN



**NIPPON  
PAINT**



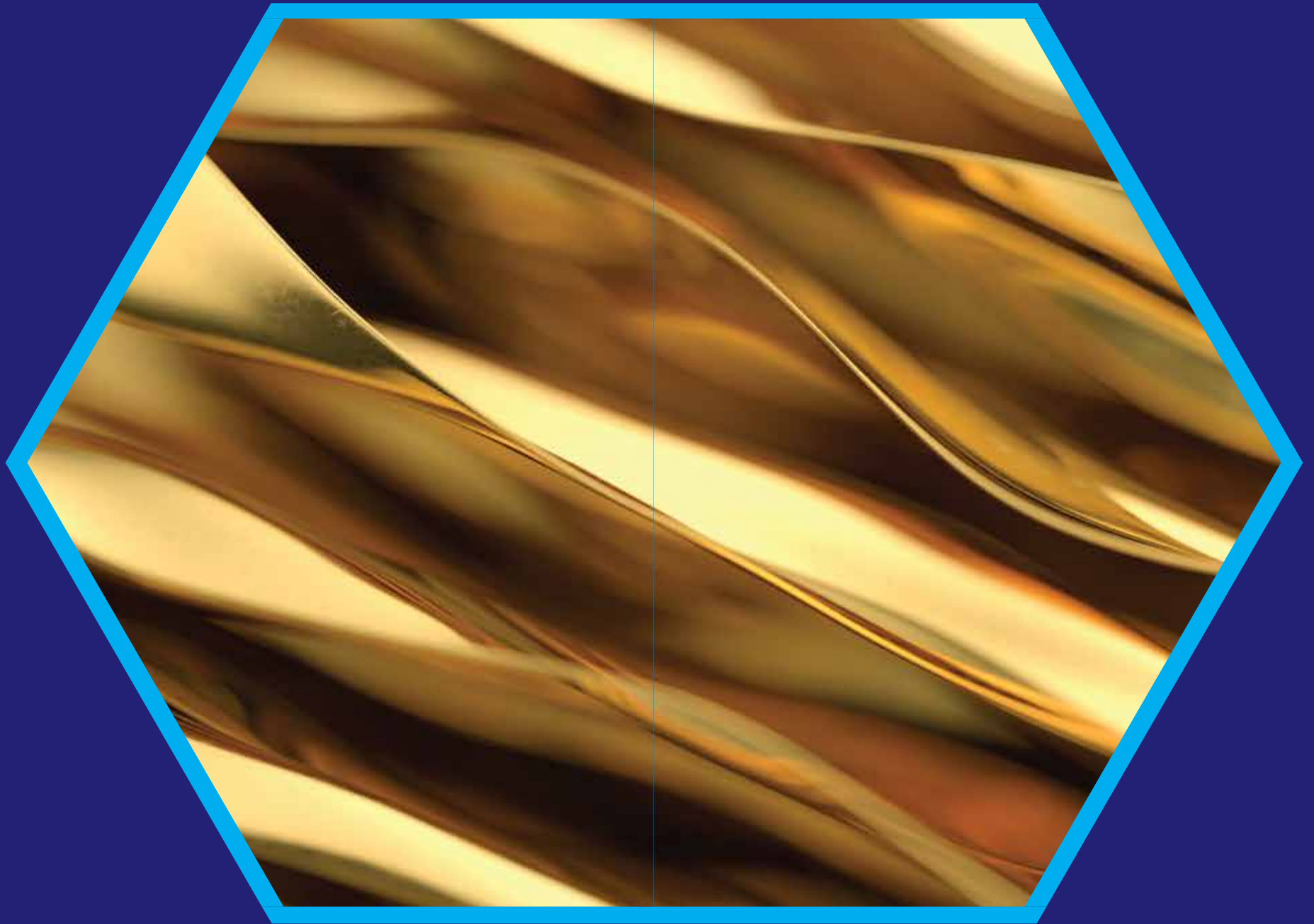
*Inspired  
by you*



**NIPPON  
PAINT**



*Inspired  
by you*



*“Reliance” for paint  
and varnish industry.*



**NIPPON  
PAINT**



*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 55,000 tons.

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



**1981**

Establishment of Alfa Kimya



**2001**

First Alkyd Resin Export & Moving to the new production plant in Tuzla - Istanbul



**2011**

Implementation of ISO 9001 Quality Management System



**2019**

Our majority shareholder Betek Boya was sold to Nippon Paint Global



**2000**

Business partnership with Betek Filleri Boya begins...



**2008**

Second production plant built. (Production capacity is doubled)



**2017**

Own warehouse built and started operating.



**2021**

Implementation of ISO 14001 Environmental Management System and ISO 45001 Occupational Health and Safety Management Systems



# PLANT LAYOUT



**Total Area**  
7.486 m<sup>2</sup>

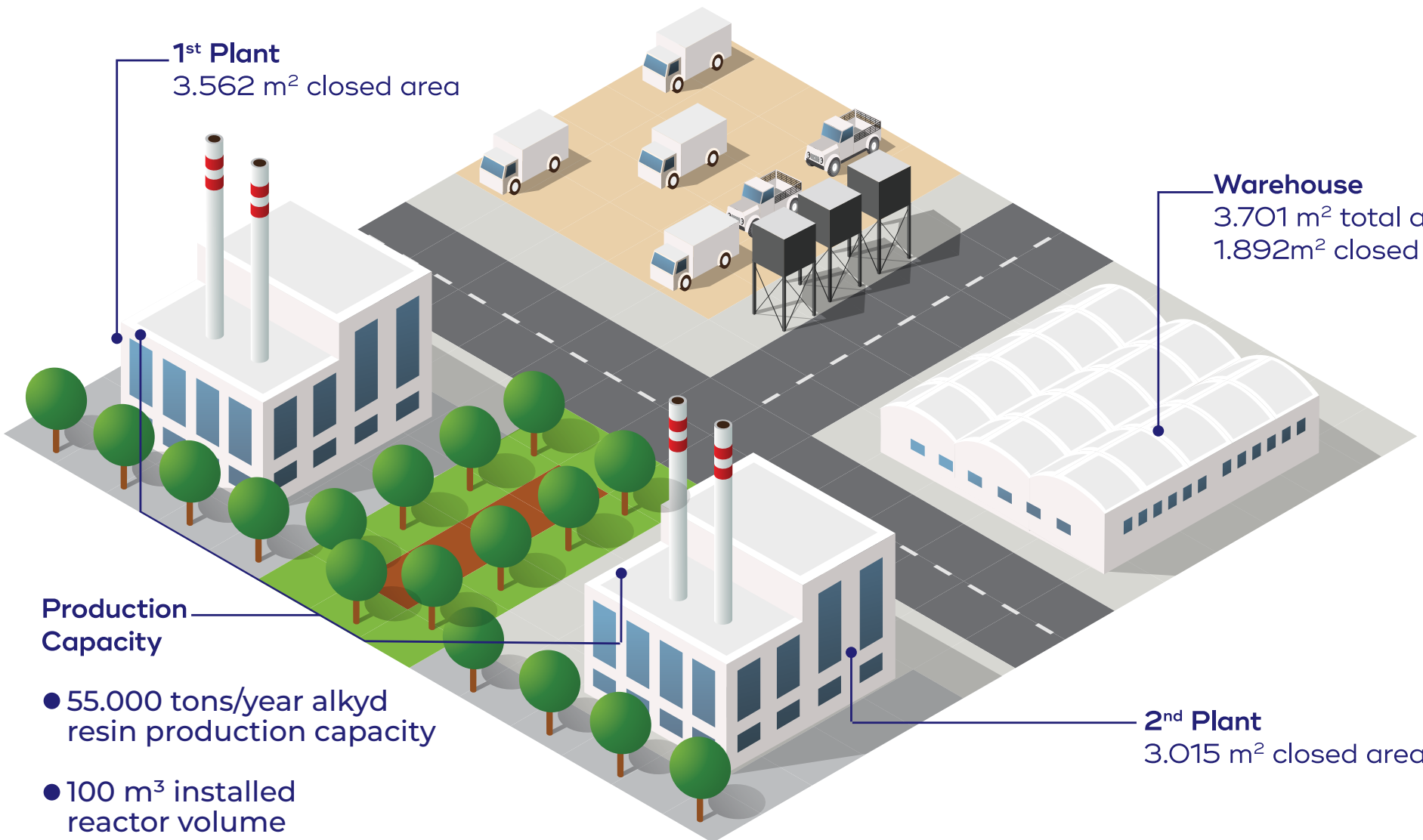
**1<sup>st</sup> Plant**  
3.562 m<sup>2</sup> closed area

**Warehouse**  
3.701 m<sup>2</sup> total area  
1.892 m<sup>2</sup> closed area

**Production Capacity**

- 55.000 tons/year alkyd resin production capacity
- 100 m<sup>3</sup> installed reactor volume
- 325 m<sup>3</sup> product preparation and bulk product storage capacity
- 800 m<sup>3</sup> liquid raw material storage tank capacity
- We are a leading company in the industry

**2<sup>nd</sup> Plant**  
3.015 m<sup>2</sup> closed area



# 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



## SHORT OIL ALKYD RESINS FOR INDUSTRIAL COATINGS

Product Name	Resin Type	Supply Form	Oil Type	Acid Value (mgKOH/g, on solids)	Viscosity (Pa.s / Gardner, 25°C)	Color (Gardner 50% solution)	Key Features & Benefits
ALFAKYD F23 TX65	Short oil Chain-stopped	65% in Xylene and Toluene (1/1)	Soybean-Sunflower	12 max	60% 0.7 - 2.0 U+ - Y+	6 max	Fast drying; provides good hardness. Recommended for industrial primers, hammered 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	Rapid surface and through-drying; offers good hardness, gloss, and gloss retention. Suitable for industrial primers, topcoats, 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	Designed for clear and pigmented systems; compatible with two-component polyurethane, nitrocellulose, and stoving coatings for industrial applications.
ALFAKYD T27 T60	Short oil Chain-stopped	60 % in Toluene	TOFA	7 max	2.0 - 3.1 Z - Z1+	6 max	Extremely fast drying; provides good hardness and resistance to yellowing. Recommended for industrial primers, topcoats, and hammered paints.
ALFAKYD T27 X60	Short oil Chain-stopped	60 % in Xylene	TOFA	10 max	3.6 - 4.8 Z2 - Z3+	6 max	Extremely fast drying; provides good hardness and resistance to yellowing. Recommended for industrial primers, topcoats, and hammered paints.
ALFAKYD T30 TX60	Short oil Chain-stopped	60 % in Toluene	TOFA	15 max	3.4 - 5.4 Z2 - Z3+	8 max	Extremely fast drying; offers good hardness, gloss, and gloss retention, along with resistance to yellowing. Suitable for industrial hammered paints, primers, and topcoats.
ALFAKYD T30 X50	Short oil Chain-stopped	50 % in Xylene	TOFA	15 max	2.7 - 4.6 Z1 - Z3	8 max	Fast drying; provides good hardness, gloss, and gloss retention. Suitable for industrial hammered paints, primers, and topcoats.
ALFAKYD F30 X50	Short oil Chain-stopped	50 % in Xylene	Soybean-Sunflower	16 max	2.7 - 4.6 Z1 - Z3	6 max	Fast drying; provides good hardness, gloss, and gloss retention. Suitable for industrial hammered paints, primers, and topcoats.
ALFAKYD F30 T60	Short oil Chain-stopped	60 % in Toluene	Soybean-Sunflower	15 max	3.4 - 5.4 Z2 - Z3+	6 max	Fast drying; provides good hardness, gloss, and gloss retention. Suitable for industrial hammered paints, primers, and topcoats.
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 with good hardness, excellent gloss, and gloss retention for industrial hammered paints, primers, topcoats, two-component polyurethane, and nitrocellulose lacquers.
ALFAKYD F34 BA65	Short oil Chain-stopped	65% in Butyl acetate	Soybean-Sunflower	10 max	1.6-1.8 Y(-) - Y(+)	6 max	Fast drying, high gloss and gloss retention, good adhesion on metal, quick drying industrial primers, aerosol paints, hammer paints
ALFAKYD F34 T65	Short oil Chain-stopped	65 % in Toluene	Soybean-Sunflower	10 max	3.8 - 4.8 Z2+ - Z3	6 max	Fast drying; provides good hardness, gloss, and gloss retention. Suitable for industrial hammered paints, primers, and topcoats.
ALFAKYD O33 TX60	Short oil phenolic modified	60 % in Toluene	Soybean-Sunflower	20 max	3.1 - 3.9 Z1+ - Z2+	8 max	Fast drying; offers good chemical resistance. Recommended 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	Fast drying; provides good chemical resistance and through-hardening, with excellent adhesion. Recommended 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; delivers high gloss, excellent gloss retention, and high hardness. Suitable for furniture coatings based on two-component polyurethane and nitrocellulose systems.
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; provides high gloss, excellent adhesion, high abrasion resistance, high hardness, and strong outdoor durability. Recommended for marine coatings 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; offers high gloss and gloss retention, with good resistance to yellowing and good adhesion. Recommended for clear and pigmented industrial stoving enamels, polyurethane coatings, 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+	5 max	Semi-drying; provides high gloss and gloss retention with good resistance to yellowing. Suitable for clear and pigmented industrial stoving enamels, 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+	5 max	Provides good resistance to yellowing and chemicals; delivers high gloss, gloss retention, and good hardness. Suitable for two-component polyurethane and nitrocellulose lacquers, as well as high-temperature stoving roller coatings.
ALFAKYD X41 X60	Short oil	60 % in Xylene	Linoleic rich	8 max	3.4 - 4.8 Z2 - Z3	5 max	Fast drying; offers good chemical resistance and excellent adhesion on metal substrates. Recommended 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; delivers high gloss and gloss retention. Designed for high-quality two-component topcoats, industrial paints and varnishes, nitrocellulose lacquers, and stoving enamels.

**SHORT OIL ALKYD RESINS FOR WOOD/FURNITURE AND  
INDUSTRIAL COATINGS**



## SHORT OIL ALKYD RESINS FOR WOOD / FURNITURE AND INDUSTRIAL COATINGS

Product Name	Resin Type	Supply Form	Oil Type	Acid Value (mgKOH/g, on solids)	Viscosity (Pa.s / Gardner, 25°C)	Color (Gardner 50% solution)	OH%	Key Features & 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	Provides high pigment and filler loading capacity; delivers 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; offers high resistance to yellowing, along with high gloss and gloss retention. Suitable for fast-sanding two-component polyurethane sealers, primers, and topcoats 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; provides high gloss and gloss retention. Suitable for cost-efficient two-component polyurethane sanding sealers, nitrocellulose lacquers, primers, and topcoats for furniture.
ALFAKYD T31 T65	Short oil Chain-stopped	65 % in Toluene	TOFA Fatty Acid	8 max	3.4 - 4.4 Z2 - Z3	5 max	3.5± 0.2	Fast drying; provides good hardness with excellent gloss and gloss retention. Suitable for industrial hammered paints, primers, topcoats, two-component polyurethane, and nitrocellulose lacquers.
ALFAKYD F31 T65	Short oil	65 % in Toluene	Sunflower Fatty Acid	8 max	3.4 - 4.4 Z2 - Z3	5 max	3.5± 0.2	Fast drying; provides good hardness with excellent gloss and gloss retention. Suitable for industrial hammered paints, primers, topcoats, two-component polyurethane, and nitrocellulose lacquers.
ALFAKYD OF30 X60	Short oil	60 % in Xylene	Olive oil	15-20	2.4 - 3.4 Z+ - Z2	7 max	3.5± 0.2	Provides high gloss and gloss retention with good resistance to yellowing. Particularly suitable for clear and pigmented two-component polyurethane lacquers, nitrocellulose lacquers, and stoving enamels.
ALFAKYD OS30 X60	Short oil	60 % in Xylene	Oleic acid	15-20	2.3 - 3.6 Z - Z2	3 max	3.5± 0.2	Light color; offers good resistance to yellowing. Suitable for clear and pigmented two-component polyurethane lacquers, nitrocellulose lacquers, and stoving enamels.
ALFAKYD C28 X70	Short oil	70 % in Xylene	Coconut	10 max	15 - 20 Z6 - Z7-	2 max	3.9± 0.2	Non-yellowing; provides good gloss and gloss retention. Suitable for clear and pigmented two-component polyurethane, nitrocellulose, and stoving enamels and topcoats.
ALFAKYD C28 X70 -A	Short oil	70 % in Xylene	Coconut	10 max	(60%) 6.5-9.8 Z4+ - Z5	2 max	3.7± 0.2	Non-yellowing; provides good gloss and gloss retention. Suitable for clear and pigmented polyurethane, nitrocellulose, and stoving enamels and topcoats.
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; provides high body with high gloss and gloss retention. Suitable for clear and pigmented polyurethane, nitrocellulose, and stoving enamels and topcoats.
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; provides high body with good gloss and gloss retention. Suitable for two-component polyurethane systems for wood and metal coatings, as well as stoving enamels, acid-curing lacquers, and nitrocellulose paints and varnishes.
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; provides good adhesion, high abrasion resistance, high hardness, and strong outdoor durability. Particularly suitable for industrial anticorrosive primers, traffic paints, and two-component polyurethane and nitrocellulose wood coatings.
ALFADUR F30 TB50	Short oil aromatic urethane modified	50 % in Xylene	Soybean-Sunflower	10 max	2.2 - 3.4 Z - Z2	6 max	5.1 ± 0.2	Rapid drying; delivers high gloss, excellent gloss retention, and high hardness. Suitable for very fast-sanding two-component polyurethane sealers and primers for furniture.

# MEDIUM OIL ALKYD RESINS FOR INDUSTRIAL AND ARCHITECTURAL COATINGS



## URETHANE MODIFIED ALKYDS FOR ARCHITECTURAL INDUSTRIAL AND MARINE COATINGS

Product Name	Resin Type	Supply Form	Oil Type	Acid Value (mgKOH/g, on solids)	Viscosity (Pa.s / Gardner, 25°C)	Color (Gardner 50% solution)	Key Features & 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; provides very good hardness and excellent outdoor durability. Suitable for parquet coatings, yacht varnishes, and industrial anticorrosive metal paints.
ALFADUR O53 D55	Medium oil urethane modified	55% in D40	Soybean-Sunflower	5 max	1.0-1.8 W - Y(+)	5 max	Fast drying, high hardness, excellent exterior durability, scratch resistance, high gloss and gloss retention, industrial finishes for wood and metal, marine finishes, decorative enamels.
ALFADUR O56 W60	Long oil urethane modified	60% in WS	Soybean-Sunflower	4 max	1.9 - 2.6 Y+ - Z1	8 max	Provides high gloss and gloss retention with good flexibility and outdoor durability. Suitable for general-purpose parquet, yacht, and anticorrosive metal coatings.
ALFADUR F57 WS60	Long oil urethane modified	60% in WS/Solvent Naphtha	Soybean-Sunflower	7 max	2.0 - 3.1 Y+ - Z1+	6 max	Fast drying; offers outstanding weathering and yellowing resistance. Aliphatic urethane-modified alkyd resin suitable for automotive refinishing and 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; provides high resistance to yellowing. Suitable for automotive refinishing, as well as 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; provides high resistance to yellowing. Suitable for automotive refinishing, as well as metal and wood coatings.
ALFADUR F59 W60	Long oil urethane modified	60% in WS	Soybean-Sunflower	7 max	2.4 - 3.4 Z - Z2	7 max	Fast drying; provides high resistance to yellowing. Suitable for automotive refinishing, as well as metal and wood coatings.
ALFADUR O63 D58	Long oil urethane modified	58% in D40	Soybean-Sunflower	2 max	0.8 - 1.0 U+ - W	7 max	Fast drying; provides excellent outdoor durability. Especially suitable for direct-to-metal, hammered finishes, wood coatings, and marine primers and topcoats.
ALFADUR O65 W55	Long oil urethane modified	55% in WS	Soybean-Sunflower	3 max	0.5 - 0.8 R+ - V	7 max	Provides high gloss and good hardness. Suitable for parquet, yacht, and anticorrosive metal coatings for both interior and exterior applications.
ALFADUR O65 W60	Long oil urethane modified	60% in WS	Soybean-Sunflower	3 max	2.7 - 4.1 Z1 - Z2+	7 max	Provides high gloss and good hardness. Suitable for parquet, yacht, and anticorrosive metal coatings for both interior and exterior applications.
ALFADUR O68 W65	Long oil urethane modified	65% in WS	Soybean-Sunflower	3 max	7 - 10 Z4+ - Z5+	7 max	Aromatic urethane oil-modified alkyd resin designed for high-quality parquet, marine, and industrial paints and varnishes.
ALFADUR T68 D60	Long oil urethane modified	60% in D40	Soybean-Sunflower	5 max	1.3 - 1.9 X - Y+	7 max	Fast drying; offers good resistance to yellowing and excellent outdoor durability. Urethane-modified alkyd resin suitable for low-aromatic solvent systems in parquet, yacht, and anticorrosive metal coatings 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; provides excellent outdoor durability. Especially suitable for direct-to-metal, hammered finishes, wood coatings, and marine primers and topcoats.
ALFADUR O50 W50	Medium oil urethane modified	50% in WS	Soybean-Sunflower	3 max	2.3 - 3.4 Z - Z2	7 max	Fast drying; provides good adhesion and excellent outdoor durability. Urethane-modified alkyd resin suitable for parquet, yacht, and anticorrosive metal coatings.
ALFADUR F57 X60	Long oil urethane modified	60% in Xylene	Soybean-Sunflower	7 max	0.5 - 1.0 S - V+	6 max	Provides outstanding weathering resistance. Aliphatic urethane-modified alkyd resin suitable for automotive refinishing and industrial metal coatings.
ALFADUR F50 W50	Medium oil urethane modified	50% in WS	Sunflower Fatty Acid	3 max	2.3-3.4 Z - Z2	6 max	Fast drying; provides good hardness, high gloss and gloss retention, and excellent outdoor durability. Offers strong resistance to water and chemicals. Suitable for clear and pigmented finishes on metal and wood, including industrial and marine coatings, as well as parquet lacquers.
ALFADUR L50 W50	Medium oil urethane modified	50% in WS	Linseed Oil	3 max	2.3-3.4 Z - Z3	7 max	Fast drying, good hardness, high gloss and gloss retention, excellent outdoor durability, excellent resistance to water and chemicals. Clear and pigmented finishes for metal and wood, industrial and marine varnishes and paints, parquet lacquers.

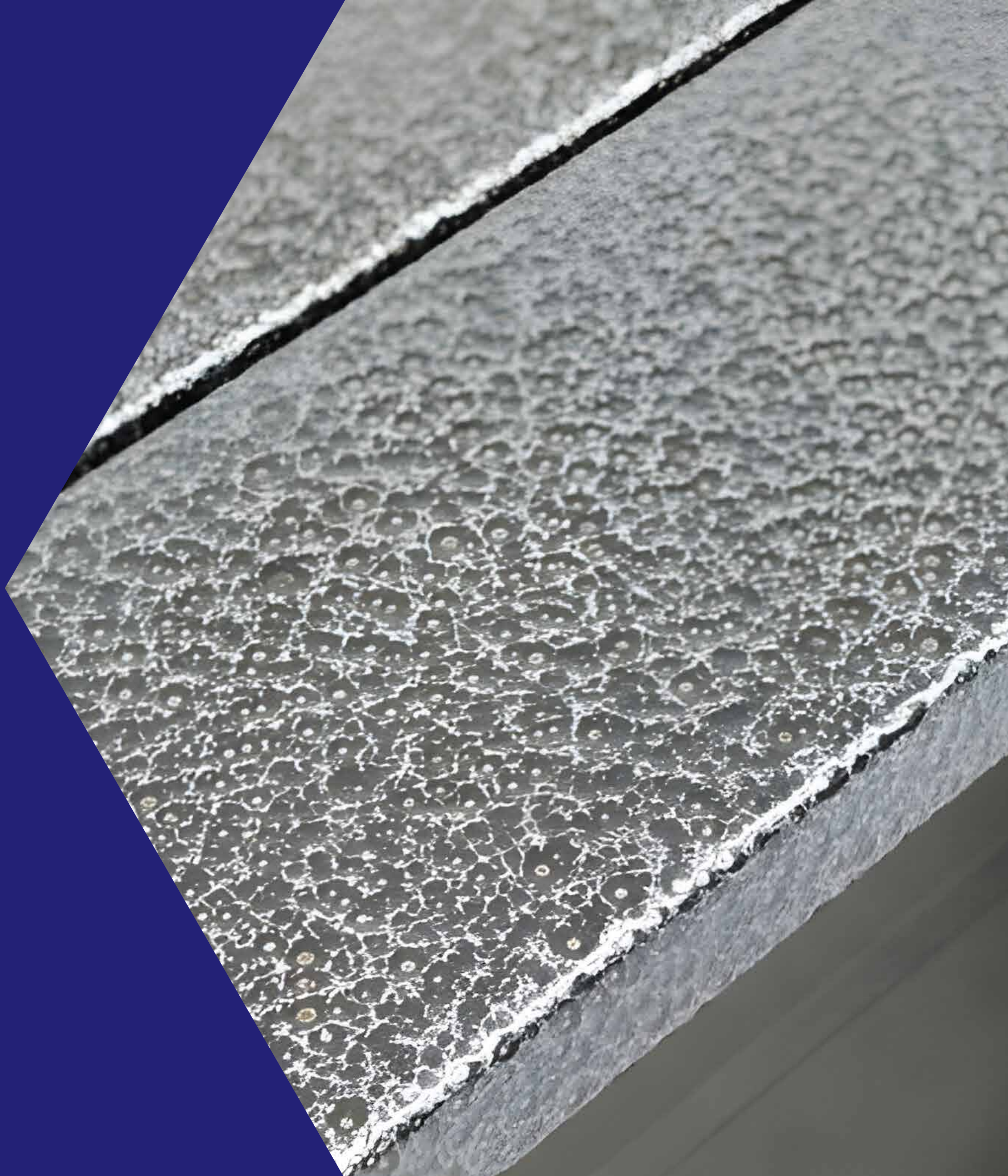
# LONG OIL ALKYD RESINS FOR ARCHITECTURAL COATINGS



## LONG OIL ALKYD RESINS FOR DECORATIVE COATINGS

Product Name	Resin Type	Supply Form	Oil Type	Acid Value (mgKOH/g, on solids)	Viscosity (Pa.s / Gardner, 25°C)	Color (Gardner 50% solution)	Key Features & Benefits
ALFAKYD O58 W70	Long oil	70% in WS	Soybean-Sunflower	10 max	40 - 60 Z7+ - Z8	5 max	Good through-drying and hardening; provides high gloss and gloss retention. Suitable for cost-efficient interior and exterior air-drying architectural coatings, including primers, undercoats, and topcoats.
ALFAKYD O58 W70-A	Long oil	70% in WS	Soybean-Sunflower	10 max	90 - 120 Z9+ - Z10+	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-B	Long oil	70% in WS	Soybean-Sunflower	10 max	50 - 60 Z7+ - Z8	5 max	Good through-drying; provides high gloss and gloss retention. Suitable for cost-efficient interior and exterior air-drying architectural primers, undercoats, and topcoats.
ALFAKYD F59 W70	Long oil	70% in WS	Soybean-Sunflower	12 max	3.5 - 4.5 Z2 - Z3+	6 max	Good drying; provides high gloss and gloss retention. Suitable for cost-efficient interior and exterior air-drying architectural primers, undercoats, and topcoats.
ALFAKYD O60 W60	Long oil	60% in WS	Soybean-Sunflower	12 max	1.5 - 2.2 Y - Z	5 max	Good drying; provides high gloss and gloss retention with low viscosity. Suitable for cost-efficient 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; provides high gloss and gloss retention. Suitable for cost-efficient 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; provides high gloss and gloss retention. Suitable for low-aromatic, cost-efficient 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; provides high gloss and gloss retention, good resistance to yellowing, and good hardness. Suitable for high-quality interior and exterior air-drying architectural and industrial coatings, including primers, undercoats, and topcoats.
ALFAKYD X61 D70	Long oil	%60 in D40	Soybean-Sunflower	10 max	5.1 - 6.5 Z3+ - Z4+	5 max	Excellent through-drying; provides good resistance to yellowing, good hardness, and high gloss and gloss retention. Suitable for high-quality, low-aromatic interior and exterior air-drying architectural and industrial coatings.
ALFAKYD O63 W65	Long oil	65% in WS	Soybean-Sunflower	10 max	4.4 - 5.4 Z3 - Z3+	5 max	Excellent through-drying; provides high gloss and gloss retention. Suitable 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; provides high gloss and gloss retention. Suitable for high-quality interior and exterior air-drying architectural and industrial coatings, including 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; provides high gloss and gloss retention. Suitable for high-quality interior and exterior air-drying architectural and industrial coatings, including 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; provides high gloss and gloss retention. Suitable for high-quality interior and exterior air-drying architectural and industrial coatings, including 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; provides high gloss and gloss retention. Suitable for interior and exterior air-drying architectural wall, wood, and trim 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; provides high gloss and gloss retention. Suitable for interior and exterior air-drying architectural wall, wood, and trim paints.
ALFAKYD O64 W73	Long oil	73% in WS	Soybean-Sunflower	10 max	11 - 13 Z5 - Z5+	5 max	Excellent through-drying; provides high gloss and gloss retention. Suitable for trim paints and decorative primers and topcoats for metal, wood, and wall applications.
ALFAKYD O64 W80	Long oil	80% in WS	Soybean-Sunflower	10 max	2.7 - 3.4 Z1 - Z2	5 max	Excellent through-drying; provides high gloss and gloss retention. Suitable for general interior and exterior air-drying architectural and industrial coatings.
ALFAKYD T65 W73	Long oil	73% in WS	TOFA	10 max	50 - 60 Z7+ - Z8	5 max	Excellent through-drying; provides high gloss and gloss retention. Suitable for general interior and exterior air-drying architectural and industrial coatings.
ALFAKYD O65 W50	Long oil	50% in WS	Soybean/Sunflower oil	10 max	0.07-0.7 C-U	5 max	Good through-drying; provides good resistance to yellowing, high gloss and gloss retention, excellent outdoor durability, and good brushability. Suitable for high-quality interior and exterior decorative paints, including primers and undercoats.
ALFAKYD O65 W85	Long oil	85% in WS	Soybean-Sunflower	10 max	Z9+	5 max	Excellent through-drying; provides high gloss and gloss retention. Suitable for general interior and exterior air-drying architectural and industrial coatings.
ALFAKYD O65 W70	Long oil	70% in WS	Soybean-Sunflower	10 max	10 - 15 Z5 - Z6	5 max	Excellent through-drying; provides high gloss and gloss retention. Suitable for high-quality interior and exterior architectural primers and trim paints for wall, metal, and wood.
ALFAOIL L65 W60	Long oil	60% in WS	Linseed Oil	7 max	0.2 - 0.3 H+ - L	7 max	Quick drying; provides very good leafing properties. Suitable for industrial metallic effect coatings, especially aluminium and bronze paints.
ALFAKYD O65 D70	Long oil	70% in D-40	Soybean-Sunflower	10 max	15 - 20 Z6 - Z6+	5 max	Excellent through-drying; provides good resistance to yellowing and high gloss and gloss retention. Suitable for low-aromatic interior and exterior air-drying architectural and industrial coatings.
ALFAKYD O64 D73	Long oil	73% in D40	Soybean-Sunflower	10 max	8.8 - 11 Z4+ - Z5+	5 max	Good through-drying; provides high gloss and gloss retention, good resistance to yellowing, and good hardness. Suitable for low-aromatic interior and exterior air-drying architectural and industrial coatings.
ALFAKYD O62 D60	Long oil	%60 in D-40	Soybean-Sunflower	10 max	1.6 - 2.1 Y - Z	5 max	Excellent through-drying; provides good resistance to yellowing, good hardness, and high gloss and gloss retention. Suitable for low-aromatic, high-quality interior and exterior air-drying architectural and industrial coatings.
ALFAKYD 1601 W70	Long oil	70% in WS	Soybean-Sunflower	10 max	60% 1.2 - 2.6 X - Y	5 max	Excellent through-drying; provides high gloss and gloss retention. Suitable for high-quality interior and exterior air-drying architectural and industrial coatings.
ALFAKYD 6550 W70	Long oil	70% in WS	Soybean-Sunflower	10 max	40-80 Z7-Z9	5 max	Good through-drying and hardening; provides good durability, gloss and gloss retention, brushability, and resistance to yellowing. Suitable for interior and exterior architectural coatings, including primers and topcoats for wood and metal.

# VINYL MODIFIED ALKYDS FOR INDUSTRIAL COATINGS



## MEDIUM OIL ALKYD RESINS FOR INDUSTRIAL AND DECORATIVE COATINGS

Product Name	Resin Type	Supply Form	Oil Type	Acid Value (mgKOH/g, on solids)	Viscosity (Pa.s / Gardner, 25°C)	Color (Gardner 50% solution)	Key Features & Benefits
ALFAKYD O47 W50	Medium oil	50% in WS	Soybean-Sunflower	10 max	15 - 20 Z6 - Z6+	6 max	Fast drying; provides good gloss and gloss retention. Alkyd resin for interior and exterior industrial finishes, anticorrosive 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; provides good gloss and gloss retention. Alkyd resin for interior and exterior industrial finishes, anticorrosive 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; provides good gloss and gloss retention. Alkyd resin for interior and exterior industrial finishes, anticorrosive 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; provides good gloss and gloss retention. Alkyd resin for interior and exterior industrial finishes, anticorrosive 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; provides good gloss and gloss retention. Alkyd resin for interior and exterior industrial finishes, anticorrosive 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; suitable for decorative and industrial coatings, primers, and undercoats. Provides high gloss and good adhesion on metal substrates.
ALFAKYD F49 X70	Medium oil	70% in Xylene	Linoleic rich	12 max	5.8 - 7.5 Z3+ - Z4+	5 max	Fast drying; provides good resistance to yellowing. Suitable for general industrial quick-drying paints, automotive repair coatings, 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; suitable for decorative and industrial coatings, primers, and undercoats. Provides high gloss and good adhesion on metal substrates.
ALFAKYD F49 X70-C	Medium oil	70% in Xylene	Linoleic rich	12 max	90 - 115 Z9+ - Z10+	5 max	High-viscosity alkyd resin; provides high gloss and gloss retention with good resistance to yellowing. Suitable for air-drying interior and exterior industrial finishes, anticorrosive primers, undercoats, and wood coatings.
ALFAKYD F50 T70	Medium oil	70% in Toluene	Linoleic rich	10 max	2.4 - 3.1 Z+ - Z1+	5 max	Suitable for 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	Suitable for road marking paints, 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 alkyd resin for interior and exterior industrial finishes, anticorrosive metal primers, undercoats, air-drying finishes, and wood varnishes.
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 finishes, anticorrosive primers, undercoats, air-drying finishes, and wood varnishes.
ALFAKYD F51 W55	Medium oil	55% in WS	Linoleic rich	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 F51 W70	Medium oil	70% in WS	Linoleic rich	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 alkyd resin for industrial metal coatings and varnishes; suitable for direct application on galvanized steel, copper, and other metal substrates. Provides excellent adhesion on metals.
ALFAKYD F52 D50	Medium oil	50% in D40	Soybean-Sunflower	10 max	2.0 - 3.0 Y+ - Z1+	5 max	Air-drying dearomatized mineral spirit-based alkyd resin for fast-drying industrial finishes, primers, and anti-corrosive paints.
ALFAKYD 1526 D50	Medium oil	50% in D40	Soybean-Sunflower	12 max	3.5 - 6.2 Z1+ - Z3+	7 max	Fast drying; provides good gloss and gloss retention. Dearomatized mineral spirit-based alkyd resin suitable for air-drying and oven-cured industrial finishes, primers, and anticorrosive coatings.

# URETHANE MODIFIED ALKYDS FOR ARCHITECTURAL INDUSTRIAL AND MARINE COATINGS



## VINYL MODIFIED ALKYDS FOR INDUSTRIAL COATINGS

Product Name	Resin Type	Supply Form	Oil Type	Acid Value (mgKOH/g, on solids)	Viscosity (Pa.s / Gardner, 25°C)	Color (Gardner 50% solution)	Key Features & 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 short oil alkyd resin suitable for industrial primers, topcoats, and hammered finish paints.
ALFAKYD X46 X60	Medium oil styrene modified	60% in Xylene	Linoleic rich	6 max	1.2 - 1.7 W+ - X+	6 max	Very fast drying, styrene-modified alkyd resin suitable for industrial primers, topcoats, and hammered finish 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 suitable for industrial primers, topcoats, and hammered finish 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 alkyd resin with high styrene content, suitable for industrial primers, topcoats, and hammered finish paints.
ALFAKYD X31 X60	Short oil-styrene modified	60% in Xylene	Linoleic rich	10 max	1.7 - 3.7 Y - Z2	5 max	Very fast drying, styrene-modified alkyd resin with good hardness and gloss development. Suitable for industrial primers, topcoats, and hammered finish 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 suitable for industrial coatings and hammered finish paints.
ALFAKYD X25 X55	Short oil-styrene modified	55% in Xylene	Linoleic rich	15 max	1.1 - 1.8 W - Y	7 max	Very fast drying acrylic-modified alkyd resin suitable for industrial coatings and low-bake enamels. Provides excellent adhesion on metal and good hardness development.
ALFAKYD OX48 X60	Medium oil styrene modified	60% in Xylene	Linoleic rich	12 max	1.7 - 2.7 Y - Z1	7 max	High-quality styrene-modified alkyd resin with very fast drying and excellent hardness. Provides very good adhesion on metal substrates. Suitable for industrial primers, rapid-drying paints, and hammered finish paints.
ALFAKYD 2382 X55	Short oil-styrene modified	55% in Xylene	Mixed vegetable fatty acids	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 1460 X60	Medium oil styrene modified	60% in Xylene	Drying Fatty Acid	6 max	1.0-1.7 W -Y	5 max	High styrene content, cost-effective alkyd resin with fast surface drying and high hardness. Provides good gloss and pigment wetting. Suitable for industrial primers, topcoats, and hammered finish paints.

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



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

Product Name	Resin Type	Supply Form	Oil Type	Acid Value (mgKOH/g ,on solids)	Viscosity (Pa.s / Gardner ,25°C)	Color (Gardner 50% solution)	Key Features & Benefits
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 resistance to yellowing; high gloss and gloss retention; excellent weathering resistance. Suitable for low-VOC industrial coatings and stoving finishes.
ALFAKYD O27 BA75	Short oil high solid	75% in Butyl acetate	Soybean / Sunflower Oil	10 max	9.9-12 Z5-Z5+	6 max	Fast drying; provides good gloss and gloss retention. Suitable for industrial primers, topcoats, and metal finishes.
ALFAKYD O27 B75	Short oil high solid	75% in Butyl Glycol	Soybean / Sunflower Oil	10 max	9.6-11.9 Z5 - Z5+	6 max	Fast drying; provides good gloss and gloss retention. Compatible with air-drying and oven/forced-curing systems. Suitable for industrial primers, topcoats, and metal finishes.
ALFAKYD C28 B75	Short oil high solid	75% in Butyl Glycol	Coconut oil fatty acid	10 max	0.5-0.8 T - V (60%)	2 max	Excellent hardness; very good chemical resistance; high gloss and gloss retention; light color. Suitable for nitrocellulose (NC) lacquers, stoving systems, and pigmented polyurethane lacquers.
ALFAKYD O39 S75	Short Oil Vinyl toluene modified high solid	75% in solvent Naphta /Xylene	Soybean-Sunflower	12 max	9.6 - 13.3 Z5 - Z5+	6 max	High-solid vinyl toluene-modified alkyd resin with fast drying and high hardness. Provides good gloss development, pigment wetting, and good solubility in aliphatic solvents for cost-effective formulations. Suitable for industrial primers, topcoats, aerosol paints, metal furniture, wood sealers, hardware, and toy coatings.
ALFAKYD F51 X80	Medium oil high solid	80% in Xylene	Soybean / Sunflower oil fatty acid	10 max	6.1-7.5 Z4 - Z4+	5 max	Good drying; high gloss and gloss retention. Suitable for general industrial finishes, primers, and undercoats.
ALFAKYD X73 D85	Long oil high solid	85% in D60	Drying vegetable oil/fatty acid	10 max	3,4 - 6,1 Z1+ - Z3+	6 max	Good drying (D60 grade designed to meet current EU and local VOC regulations); high gloss and gloss retention. Suitable for interior and exterior architectural coatings, protective wood finishes, pigment pastes, and printing inks. Can be used as a co-resin or modifier in latex paints.
ALFAKYD F73 D85	Long oil high solid	85% in D40	Linoleic rich fatty acid	10 max	3,5 - 4,7 Z2 - Z3	6 max	Good drying; high gloss and gloss retention. Suitable for interior and exterior architectural coatings, protective wood finishes, pigment pastes, and printing inks. Can be used as a co-resin or modifier in latex paints.
Alfakyd F71100	Long oil high solid	98% min.	Sunflower oil fatty acid	10 max	2.3 - 3.6 Z - Z2	6 max	High gloss and gloss retention; good resistance to yellowing. Suitable for interior and exterior architectural wall and trim paints, wood coatings, pigment pastes, and printing inks. Can be used as a co-resin or modifier in acrylic emulsion paints to enhance gloss and adhesion.
ALFAKYD L70100	Long oil high solid	97% min.	Linseed oil fatty acid	10 max	1.1 - 1.8 W - Y	8 max	Fast drying; high gloss and gloss retention. Suitable for interior and exterior architectural wall and trim paints, wood coatings, pigment pastes, and printing inks. Can be used as a co-resin or modifier in acrylic emulsion paints to enhance gloss and adhesion.
ALFAKYD F69 W88	Long oil high solid	88 % in WS	Linoleic rich fatty acid	5 - 10 max	3.4 - 4.7 Z2 - Z3+	5 max	Fast drying. Suitable for decorative interior and exterior architectural coatings, protective wood finishes, and pigment pastes.
ALFAKYD T75100	Long oil high solid	97% min.	TOFA	10 max	0.7 - 1.3 U+ - X	7 max	High gloss and gloss retention; good drying; excellent resistance to yellowing. Suitable for interior and exterior architectural wall and trim paints, wood coatings, pigment pastes, and printing inks. Can be used as a co-resin or modifier in acrylic emulsion paints to enhance gloss and adhesion.
ALFAKYD F75100	Long oil high solid	97% min.	Sunflower oil/fatty acid	10 max	0.7 - 1.3 U+ - X	7 max	High gloss and gloss retention; good drying; good resistance to yellowing. Suitable for general interior and exterior architectural wall and trim paints, wood coatings, pigment pastes, and printing inks. Can be used as a co-resin or modifier in acrylic emulsion paints to enhance gloss and
ALFADUR 9101 D80	Long oil high solid urethane modified	80% in D40	Sunflower oil/fatty acid	2 max	5 -10 Z3 - Z5	6 max	Fast drying; excellent outdoor durability. Aromatic urethane-modified alkyd resin suitable for parquet, marine, and anticorrosive metal coatings.
ALFAKYD I366 W90	Long oil high solid	90% in WS	Linoleic rich fatty acid	10 max	2.7 -4.6 Z1 - Z3	6 max	Good drying; high gloss and gloss retention. VOC-compliant resin suitable for interior and exterior architectural coatings, pigment pastes, and printing inks.
ALFAKYD I378 D90	Long oil high solid	90% in D40	Sunflower oil/fatty acid	12 max	2.2 -3.6 Z - Z2	6 max	Good through-drying; high gloss and excellent gloss retention. Suitable for architectural coatings, wood protection, and anticorrosion coatings, pigment pastes, and printing inks. Emulsifiable in oil-in-water (O/W) systems; functions as a co-binder or modifier in latex paints; also available in D60 aliphatic solvent.
ALFAKYD F79 100 HF	Long oil high solid	99% min	Sunflower oil/fatty acid	14 max	4.6-6.3 Z3 - Z4	7 max	Good drying; high gloss and gloss retention; good brushability. Suitable for interior and exterior coatings and wood protection systems (clear and pigmented). Emulsifiable in oil-in-water (O/W) systems; functions as a co-binder or modifier in latex paints; also available in D60 aliphatic solvent.
ALFAKYD F74 D90	Long oil high solid	90% in D40	Sunflower oil/fatty acid	10 max	2.7-6.8 Z1-Z3	6 max	Good drying; excellent outdoor durability; high gloss and gloss retention; good color retention; and good brushability. Suitable for interior and exterior architectural coatings and wood protection systems, pigment pastes, and printing inks. Can be used as a co-resin or modifier in latex paints.

**WATER DILUTABLE ALKYD RESINS FOR DECORATIVE  
INDUSTRIAL AND WOOD PROTECTIVE COATINGS**



## WATER DILUTABLE ALKYD RESINS FOR DECORATIVE INDUSTRIAL AND WOOD PROTECTIVE COATINGS

Product Name	Resin Type	Supply Form	Oil Type	Acid Value (mgKOH/g, on solids)	Viscosity (Pa.s / Gardner, 25°C)	Color (Gardner 50% solution)	Key Features & Benefits
ALFAKYD 7307 BG75	Short Oil	75% in BG/IBA	Drying Vegetable	47-53	12 - 24 Z5+ - Z6+	6 max	Water-dilutable alkyd resin with good elasticity, fast drying, and good hardness. Suitable for general industrial enamels and anticorrosive primers.
ALFAKYD 5801 BG75	Short Oil	75% in BG	TOFA	40-45	10 - 39 Z5 - Z7	8 max	Water-dilutable alkyd resin with low HAP content, offering good elasticity, fast drying, excellent pigment wetting, high gloss, and good resistance to yellowing. Suitable for general industrial enamels and anticorrosive primers.
ALFAKYD 4801 BG70	Short Oil	70% in BG	Drying Vegetable	40-45	7,2 - 15 Z4 - Z6	8 max	Water-dilutable alkyd resin with low HAP content, offering good elasticity, fast drying, excellent pigment wetting, and high gloss. Suitable for general industrial enamels and anticorrosive primers.
ALFAKYD 7780 MP75	Short Oil	75% in MP	Drying Vegetable	36-43	6,5 - 15 Z3+ - Z5	5 max	Water-dilutable, highly hydrolysis-stable alkyd resin with low HAP content, offering good elasticity, fast drying, excellent pigment wetting, and high gloss. Suitable for general industrial enamels, anticorrosive primers, and protective wood coatings.
ALFAKYD 7181 BG75	Medium Oil	75% in BG	Drying Vegetable	35-42	7,2 - 15 Z4 - Z6	5 max	Water-dilutable, highly hydrolysis-stable alkyd resin with low HAP content, offering good elasticity, fast drying, excellent pigment wetting, and high gloss. Suitable for architectural coatings, wood protection systems, general industrial enamels, and anticorrosive primers.



ALFA KIMYA A.S

---

AYDINLI-BIRLIK OSB MAH., 1.NOLU CAD. ,NO:19, 34953  
TUZLA/İSTANBUL/TURKIYE

+90 216 593 12 10

[export@alfakimyaas.com](mailto:export@alfakimyaas.com)