ORGANİK KİMYA

Polymer Emulsions & Specialty Chemicals

Coating Solutions



Company Profile

Starting its journey in 1924 as a chemicals trader, today, with over 100 years of experience in the chemicals industry, we have been providing solutions to a variety of markets and applications utilizing different technologies. Our manufacturing and service locations enable us to serve our customers all around the world.

We have been employing the power of science and customer intimacy since our humble beginnings and we started our polymer emulsions production in 1965 with this notion. Besides our Istanbul polymer emulsions plant with 170,000 tpa production capacity, we invested in a new plant with an 80,000 tpa production capacity in Rotterdam in 2007. With our perpetual ambition to grow our business, we increased our production capacity over 30 times in the past 30 years to reach 250,000 tpa. Serving more than 2,000 customers in over 80 countries, Orgal® is the brand that customers know and trust when it comes to polymer emulsions.

Leveraging our expertise in liquid polymer emulsions, Organik Redispersible Powders, ORP®, was established in 2011 with a diverse range of products in powder form to address the needs of the construction chemicals industry. Our redispersible powder polymer plant with 45,000 metric tons of production capacity was built in Tuzla, Istanbul to fulfill this mission.

Our Tuzla plant investment also includes hot melt production with a capacity of 12,000 metric tons to serve the industrial adhesives market.
Organik Kimya's customers enjoy valuable solutions for a variety of applications in 6 different business units:

- Coating Solutions
- Construction Solutions
- Textile & Leather Performance Solutions
- Pressure Sensitive Adhesives & Paper Solutions
- Industrial Adhesives Solutions
- Distribution & Industrial Solutions

With its focus on customer collaboration and service, dedication to innovation and technology while caring for the environment, Organik Kimya relentlessly works to add value to its customers.

What we have accomplished so far is only a glimpse of what we will accomplish in the future.



R&D Center, Istanbul

Innovation promotes Sustainability

Contributing to the sustainability of our environment, our society and our economy is one of our most important responsibilities in today's rapidly changing world. We need to produce together, work hard for the future and realize the footprints we leave behind.

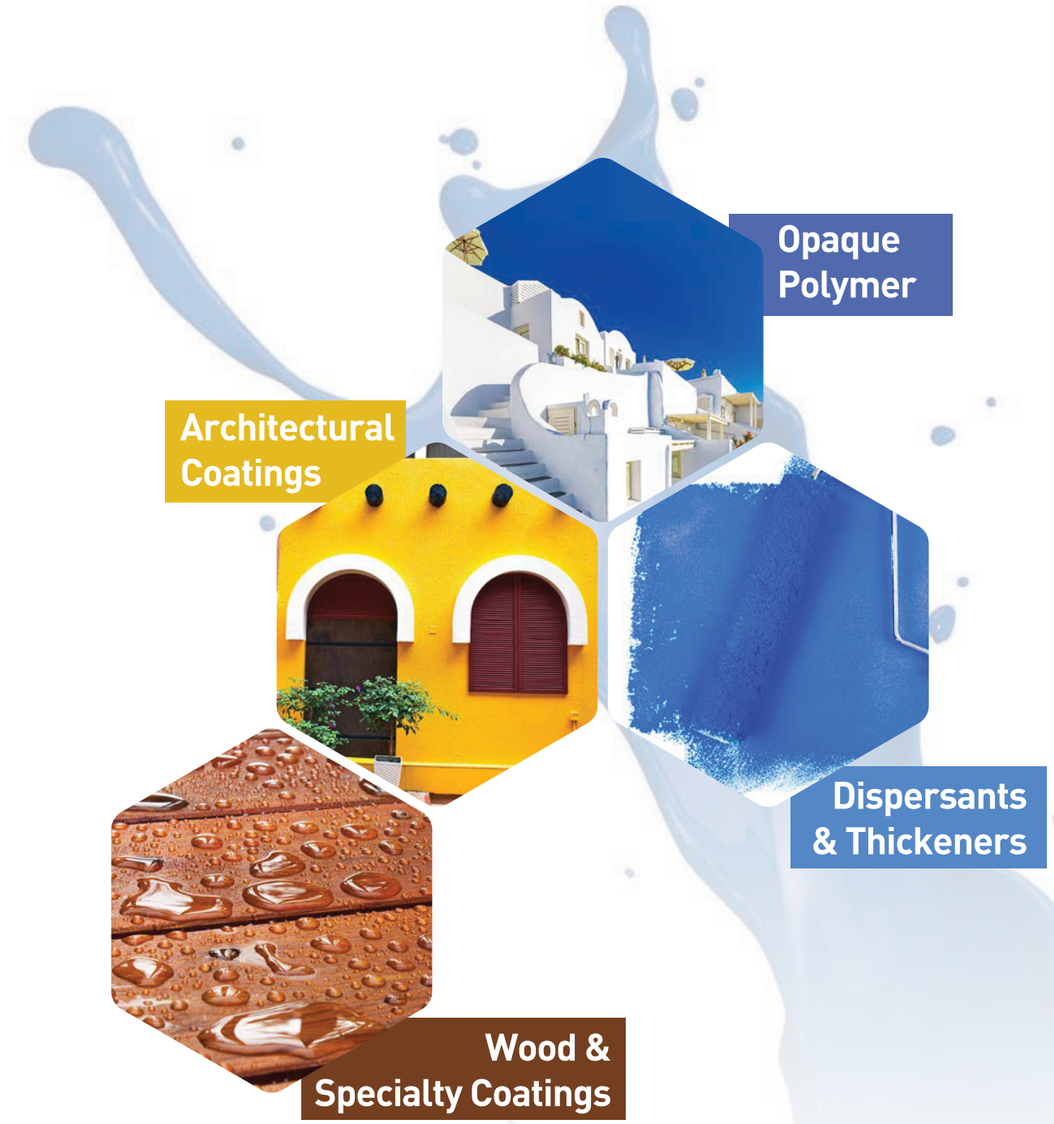
We believe that we can lead a better life together and aim to create a positive impact for all our stakeholders. Managing our environmental impacts, investing in projects that contribute to social sustainability, and developing future proof products and services continues to be high on our agenda.

Organik Kimya is taking the lead in achieving the UN's Sustainable Development Goals. We aim to become carbon neutral till 2050, continue our efforts in achieving environmental and social sustainability and investing in innovative solutions that contribute to circular economy. With all our efforts we contribute to SDGs 3,4,5,6,7,8,9,10,12,13 and 17



For further information, please visit our sustainability report prepared in accordance with GRI Standards:
www.organikkimya.com/en/sustainability

Coating Solutions



Your total
solution provider



ORGAL® P 839 W
for exterior wood coatings



ORGAL® F 6560
for DIY metal coatings



ORGAL® F 4630
ORGAL® F 4515
for gloss & semigloss trim paints



ORGAL® F 9100
for joinery



ORGAL® PR 650
for stain blocking primers & paints



ORGAL® P 8429
ORGAL® P 874V
for interior easy-to-clean pains



ORGAL® DURAFLEX 84 S
ORGAL® P 862 W
for exterior paints



ORGAL® P 7622
ORGAL® P 74 S
for low VOC paints



ORGAL® F 4630
for interior industrial wood coatings



ORGAL® P 6830
for interior paints

Architectural Coatings

Water based pure acrylic, styrene acrylic and vinyl acrylic binders including but not limited to interior/exterior wall paints, primers, plasters and textured paints. All new product developments are in-line with VOC and other relevant regulations.

	Chemical Composition	Total Solids (% ±1)	pH	Viscosity (cps.max)	MFFT (°C)	Tg (°C)
Orgal® P 523 V	VA / VV	50	4.0 - 6.0	4.000	3	11
Orgal® P 526	VA / VV	55	4.0 - 6.0	5.000	11	25
Orgal® P 062V	VA / AC	53	4.0 - 5.5	4.000	< 3	11
Orgal® P 671	VA / AC	55	4.5 - 5.5	500	10	17
Orgal® P 6821	VA / AC	55	4.5 - 5.5	2.000	<3	9
Orgal® P 6830	VA / AC	55	4.5 - 5.5	750	12	20
Orgal® P 036V	AC	50	8.0 - 9.0	800	< 3	0
Orgal® P 050G	AC	47	8.0 - 8.5	1.000	< 3	n/a
Orgal® P 802	AC	46	7.5 - 8.5	500	17	n/a
Orgal® P 808	AC	50	7.0 - 8.0	750	5	8
Orgal® P 826 L EU	AC	60	8.5 - 9.5	6.000	5	9
Orgal® P 838 W	AC	46	7.5 - 8.5	500	14	n/a
Orgal® P 839 W	AC	46	7.5 - 8.5	500	17	n/a
Orgal® P 8429	AC	46	7.5 - 8.5	500	3	6
Orgal® P 850	AC	50	8.5 - 9.5	400	18	22
Orgal® P 862 W	AC	50	8.0 - 9.0	1.000	18	22
Orgal® P 888	AC	45	7.0 - 8.0	500	24	30
Orgal® EC 4815	AC	48	7.0 - 8.0	600	15	n/a
Orgal® P 874V	AC	45	7.5 - 8.5	400	<5	n/a
Orgal® PR 650	AC	50	8.0 - 8.5	1.200	<3	-1
Orgal® PR 9464	AC	46	8.0 - 9.0	500	< 3	7
Orgal® K 6455 BC	AC	60	5.0 - 7.0	2.000	< 0	-35
Orgal® K 6459 BC	AC	55	7.5 - 8.5	1.000	< 0	-35
Orgal® Duraflex 84 S	AC	50	7.0 - 8.0	500	5	n/a
Orgal® P 880 S	AC	50	7.0 - 8.0	1.000	5	n/a
Orgal® P 056V	S/AC	50	8.0 - 9.0	3.000	<3	5
Orgal® Duraflex 70	S/AC	57	7.0 - 9.0	1.200	<0	-12
Orgal® Duraflex 71 S	S/AC	50	7.0 - 8.0	1.000	<0	6
Orgal® Duraflex 72 S	S/AC	50	7.0 - 8.0	600	20	20
Orgal® P 74 S	S/AC	50	7.0 - 8.0	3.000	<3	5
Orgal® P 7622*	S/AC	50	11.0 - 11.4	3.000	<3	5
Orgal® P 806 S	S/AC	50	7.5 - 9.0	9.000	< 0	-6
Orgal® PR 670	S/AC	30	7.0 - 8.0	100	5	8
Orgal® PST 50 A	S/AC	50	7.5 - 9.0	11.000	20	20
Orgal® PST 50 E	S/AC	50	7.5 - 9.0	7.000	18	18
Orgal® PST 100	S/AC	50	7.5 - 9.0	4.000	20	20
Orgal® PST 100 E	S/AC	50	7.5 - 9.0	4.000	20	20
Orgal® PST 5010	S/AC	50	7.5 - 9.0	2.000	11	11
Orgal® PST 65	S/AC	50	7.5 - 9.0	13.000	< 0	-3

	Primers	Interior Paints	Exterior Paints	Eggshell - Semigloss Paints	Gloss Paints	Textured Paints	Plaster / Putty	Roof Tile Paints	EIFS Topcoat	Silicate Paints	Low VOC paints	Elastomeric Wall Paints
Orgal® P 523 V		●	•			•	●		•			
Orgal® P 526		●	•	●		•	●					
Orgal® P 062V		●		•		•	•				●	
Orgal® P 671		●		•			●					
Orgal® P 6821		●		•		•	•				●	
Orgal® P 6830	●	●		•			●					
Orgal® P 036V		●	●	•		•	•		●		●	
Orgal® P 050G	•	●	●	●	●						●	
Orgal® P 802	•	●	●	●	•	•	●	●	●			
Orgal® P 808		●	●			●	•	●	●			
Orgal® P 826 L EU		●	●			●	•					
Orgal® P 838 W	●	●	●	●	•			●	●			
Orgal® P 839 W	●	●	●	●	•			●	●			
Orgal® P 8429	●	●	●	•		●	●		●		●	
Orgal® P 850		●	●	●		●	●	●	•			
Orgal® P 862 W	●	●	●	●		●	●	●	●			
Orgal® P 888		●	●	●	●							
Orgal® EC 4815	•	●		●	•							
Orgal® P 874V		●		●	•							
Orgal® PR 650	●	●	•								●	
Orgal® PR 9464	●		●					●				
Orgal® K 6455 BC			●			●	●		•			●
Orgal® K 6459 BC			●			●	●		•			●
Orgal® Duraflex 84 S	●	●	●	•		●		●	●		●	
Orgal® P 880 S	●	●	●	•		●		●	●	●	●	
Orgal® P 056V	●	●	●			●	●		●	●	●	
Orgal® Duraflex 70			●			●	●					●
Orgal® Duraflex 71 S	●	●	●			●	●		●	●	●	
Orgal® Duraflex 72 S	●	●	●	•		•	•	●	●	●		
Orgal® P 74 S	●	●	●			●	●		●	●	●	
Orgal® P 7622	●	●	●			●	●		●	●	●	
Orgal® P 806 S	●		●			●	●		●		●	●
Orgal® PR 670	●											
Orgal® PST 50 A	●	●	●	•		•	•	●	●			
Orgal® PST 50 E	●	●	●	•		•	•	●	●	●		
Orgal® PST 100	●	●	●	•		•	•	●	●	•		
Orgal® PST 100 E	●	●	●	•		•	•	●	●	•		
Orgal® PST 5010	●	•	●			●	●		•			
Orgal® PST 65	●		●			●	●		•			●

*For biocide-free paints

● **Recommended** • **Suitable**

Wood & Specialty Coatings

High performance and durable products for professional and industrial applications with versatile formulation capabilities. Water based pure acrylics, styrene acrylics and ASR for a broad range of interior and exterior wood coatings and metal coatings. Wet adhesion promoted, self-crosslinking and stain blocking systems are among the capabilities of the offered product range.

	Chemical Composition	Total Solids (% ±1)	pH	Viscosity (cps.max)	MFFT (°C)	Tg (°C)
Orgal® CX 3011	S/AC	42	7.0 - 8.0	200	40	36
Orgal® CX 3060	S/AC	42	6.5 - 7.0	120	52	63
Orgal® DS 95	ASR	40	4.0 - 5.0	100	0	15
Orgal® F 4000	AC	44	7.5 - 8.5	500	45	n/a
Orgal® F 4050	AC	40	8.0 - 9.0	500	49	49
Orgal® F 4325	AC	43	8.0 - 9.0	400	27	n/a
Orgal® F 4515	AC	43	8.5 - 9.0	400	15	n/a
Orgal® F 4530	AC	43	8.0 - 9.0	400	26	n/a
Orgal® F 4550	AC	45	8.2 - 9.2	500	50	n/a
Orgal® F 4626	AC	46	8.0 - 9.5	500	22	n/a
Orgal® F 4630	AC	40	7.8 - 8.5	1.000	20	n/a
Orgal® F 5100	ASR	45	2.1 - 4.1	100	n/a	110
Orgal® F 6560	S/AC	47	8.0 - 8.5	500	25	n/a
Orgal® F 9100	AC	44	8.0 - 9.0	1.000	<5	n/a
Orgal® HP 91	AC	47	7.0 - 9.0	100	n/a	85
Orgal® P 050G	AC	47	8.0 - 8.5	1.000	<3	n/a
Orgal® P 8075V	AC	47	8.0 - 8.5	1.000	<3	n/a
Orgal® P 086 VR	AC	43	8.5 - 9.0	400	14	n/a
Orgal® P 839 W	AC	46	7.5 - 8.5	500	17	n/a
Orgal® PR 650	AC	50	8.0 - 8.5	1.200	<3	-1
Orgal® PR 667	S/AC	34	8.0 - 8.5	100	0	1

	DIY Wood Paints	Gloss / Trim Paints	Joinery Coatings	Furniture Coatings	Parquet Coatings	Wood Stains	Sandable Sealers / Primers	Tannin / Stain Blocking	MDF Panel Coatings	Metal Coatings	Printing INKS	Knot Sealing Primers
Orgal® CX 3011		●								●		
Orgal® CX 3060				•					●			
Orgal® DS 95									●		●	
Orgal® F 4000				•			●					●
Orgal® F 4050		●		●	●		●		●			
Orgal® F 4325				●			●	●				
Orgal® F 4515	●	●	•	•	●	•						
Orgal® F 4530		●		●	●		●		•			
Orgal® F 4550		●		•	•		●		●			
Orgal® F 4626				●	•		●		●			
Orgal® F 4630	●	●	•	●	●	●	●		●		•	
Orgal® F 5100									●		●	
Orgal® F 6560		•								●		
Orgal® F 9100	●	●	●			●	•			•		
Orgal® HP 91				●	●						●	
Orgal® P 050G	●	●	●							●		
Orgal® P 8075V	●	●	●							●		
Orgal® P 086 VR	●	●	●			•	•					
Orgal® P 839 W	●	●				●						
Orgal® PR 650	●							●				
Orgal® PR 667						●						

● **Recommended** • **Suitable**



Opaque Polymer

	Chemical Composition	Total Solids (% ±1)	pH	Viscosity (cps.max)	MFFT (°C)	Tg (°C)	Applications
Orgal® Orgawhite 2000	Opaque Polymer	30	8.0 - 8.7	500	n/a	n/a	Opaque Polymer for interior & exterior paints. Excellent opacity due to light scattering and TiO_2 spacing efficiency.



Dispersants & Thickeners

General purpose and specific dispersing aids, ASE and HASE thickeners are available for a broad range of applications.

	Chemical Composition	Total Solids (% ±1)	pH	Viscosity (cps.max)	Applications
Dispersant DMA 45	Sodium Polycarboxylate	44	5.0 - 6.0	2.000	Odourless, Low foaming polymeric dispersing agent.
Dispersant K 850	Sodium Polycarboxylate	30	8.5 - 10.5	350	Polymeric dispersing agent for zinc oxide stability.
Dispersant ASP 42	Ammonium Polycarboxylate	40	6.5 - 7.5	400	Odourless, Highly effective dispersant for anionic pigments and extenders in aqueous systems.
Orgal® M 340	ASE	30	2.1 - 4.1	n/a	General purpose acrylic thickener with pseudoplastic profile. Highly recommended for textured paints.
Orgal® M 420	ASE	28	2.1 - 4.1	n/a	General purpose acrylic thickener with pseudoplastic profile.
Orgal® HT 465	HASE	30	2.1 - 4.1	n/a	General purpose hydrophobically modified acrylic thickener with pseudoplastic profile. Highest thickening efficiency.



Notes

Legend

AC	Acrylic Polymer / Acrylic Copolymer	MFFT (°C)	Minimum Film Formation Temperature
S/AC	Styrene Acrylic Copolymer	Tg (°C)	Glass Transition Temperature
VA / AC	Vinyl Acrylic Copolymer	Viscosity (mPa.s, max)	Brookfield Viscosity @25 °C
VA / VV	Vinyl Versetate Copolymer	n/a	Not Applicable
ASR	Alkali Soluble Resin		
ASE	Alkali Swellable Emulsion		
HASE	Hydrophobically Modified Alkali Swellable Emulsion		

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the chemistry between us

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