



Polymer Emulsions & Specialty Chemicals

Coating Solutions



Istanbul Plant

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Company Profile

Starting its journey in 1924 as a chemicals trader, today, with over 90 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 120,000 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 200,000 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 20,000 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
- Life Sciences & Material 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

Environmental
Awareness

Innovative
Solutions

Energy
Optimization

Waste
Management

Water Based
Solutions

Social
Responsibility

The world is changing.

We know that our products rely on an increasingly constrained set of natural resources, whether these are crude oil derivatives or other raw materials. Therefore, we have based our sustainability strategy on a few different principles as part of our corporate culture and management systems. To lead in the creation of a green future by integrating business with a vision of sustainability that covers the entire product life cycle is our commitment to the environment and to future generations.

Organik Kimya's Green Future Vision focuses on the active promotion of sustainable development across the entire supply chain.

For further information, please visit
www.organikkimya.com

Coating Solutions

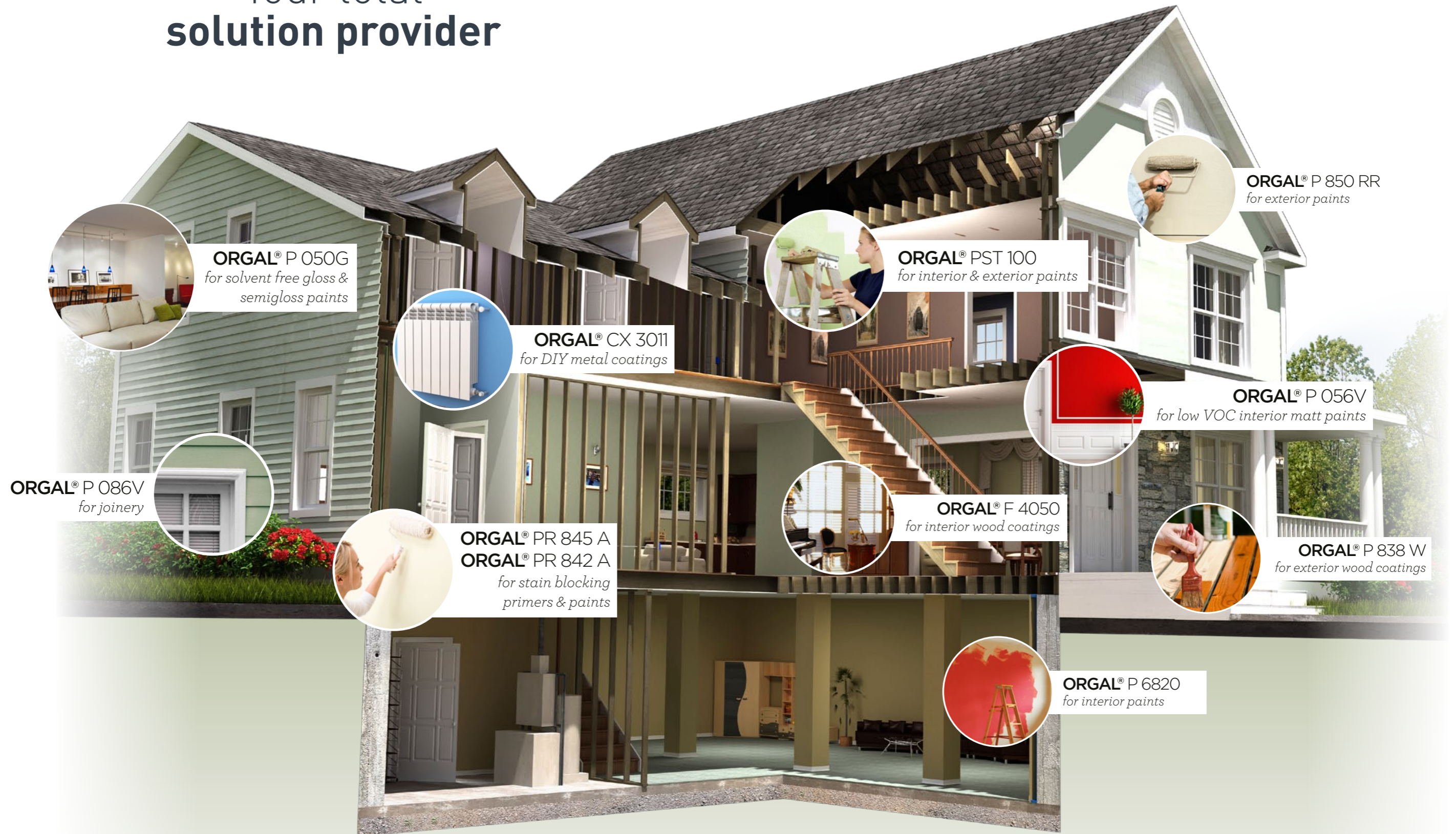
Architectural
Coatings

Wood &
Specialty Coatings

Dispersants
& Thickeners



Your total solution provider



Architectural Coatings

A broad range of all acrylic, styrene acrylic and vinyl acrylic products including but not limited to interior/exterior wall paints, primers, plasters and textured paints. All new product developments are in-line with VOC regulations, phasing out formaldehyde, ammonia and other restricted substances.

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	Chemical Composition	Total Solids (%±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)		Interior Paints	Exterior Paints	Eggshell - Semigloss Paints	Gloss Paints	Primers	Textured Paints	Plaster / Putty	Roof Tile Paints	EIFS Topcoat	Silicate Paints	Low VOC / Solvent Free Paints	Elastomeric Wall Paints
Orgal® P 062V	VA/AC	53	4.0 - 5.5	4.000	< 3	11	Orgal® P 062V	●										●	
Orgal® P 671	VA/AC	55	4.5 - 5.5	500	10	17	Orgal® P 671	●		●				●					
Orgal® P 6820	VA/AC	55	4.5 - 5.5	500	12	20	Orgal® P 6820	●		●				●					
Orgal® P 036V	AC	50	8.0 - 9.0	500	< 3	n/a	Orgal® P 036V	●	●	●			●	●		●	●	●	
Orgal® P 050G	AC	47	8.0 - 8.5	1.000	< 3	n/a	Orgal® P 050G	●	●	●	●							●	
Orgal® P 808	AC	50	7.0 - 8.0	750	5	8	Orgal® P 808	●	●	●			●	●	●	●	●		
Orgal® P 826	AC	60	8.5 - 9.5	6.000	5	9	Orgal® P 826	●	●	●		●	●	●					
Orgal® P 8266	AC	60	7.5 - 8.5	2.000	3	8	Orgal® P 8266	●	●	●		●	●	●					
Orgal® P 838 W	AC	46	7.5 - 8.5	500	14	n/a	Orgal® P 838 W	●	●	●	●				●	●			
Orgal® P 850 RR	AC	50	8.0 - 9.0	1.000	18	22	Orgal® P 850 RR	●	●	●	●		●	●	●	●			
Orgal® P 850 E	AC	50	8.0 - 9.0	1.000	18	22	Orgal® P 850 E	●	●	●	●		●	●	●	●			
Orgal® P 878	AC	46	8.0 - 9.0	500	14	21	Orgal® P 878	●	●	●					●				
Orgal® P 888	AC	45	7.0 - 8.0	500	24	30	Orgal® P 888	●	●	●	●								
Orgal® PR 842 A	AC	43	8.0 - 8.5	100	9	12	Orgal® PR 842 A	●	●			●					●		
Orgal® PR 845 A	AC	46,5	8.0 - 9.0	400	3	-1	Orgal® PR 845 A	●	●			●						●	
Orgal® K 6455 E	AC	60	5.0 - 7.0	2.000	< 0	-35	Orgal® K 6455 E		●				●			●			●
Orgal® P 056V	S/AC	50	8.0 - 9.0	3.000	< 3	5	Orgal® P 056V	●	●	●			●	●		●	●	●	
Orgal® P 806 S	S/AC	50	7.5 - 9.0	8.000	< 0	-6	Orgal® P 806 S		●			●	●	●		●			●
Orgal® PR 670	S/AC	30	7.0 - 8.0	100	5	8	Orgal® PR 670					●							
Orgal® PST 50 A	S/AC	50	7.5 - 9.0	11.000	20	20	Orgal® PST 50 A	●	●	●	●	●	●	●	●	●			
Orgal® PST 50 E	S/AC	50	7.5 - 9.0	7.000	18	18	Orgal® PST 50 E	●	●	●	●	●	●	●	●	●	●		
Orgal® PST 65	S/AC	50	7.5 - 9.0	13.000	< 0	-3	Orgal® PST 65		●			●	●	●		●			●
Orgal® PST 100	S/AC	50	7.5 - 9.0	4.000	20	20	Orgal® PST 100	●	●	●	●	●	●	●	●	●			
Orgal® PST 100 E	S/AC	50	7.5 - 9.0	4.000	20	20	Orgal® PST 100 E	●	●	●	●	●	●	●	●	●	●		

● Excellent ● Suitable

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Wood & Specialty Coatings

High performance and durable products for DIY and industrial applications with versatile formulation capabilities. All acrylics and styrene acrylics for a broad range of interior and exterior wood coatings and metal coatings. Wet adhesion promoting, self crosslinking and stain blocking systems are among the capabilities of the offered product range.

	Chemical Composition	Total Solids (%±1)	pH	Viscosity (mPa.s max)	MFFT (°C)	Tg (°C)		DIY Wood Paints	Trim Paints	Joinery Coatings	Furniture / Interior Wood	Parquet Coatings	Wood Stains	Sandable Sealers / Primers	Tannin / Stain Blocking	MDF Panel Coatings	Metal Coatings	Floor Coatings
Orgal® P 838 W	AC	46	7.5 - 8.5	500	14	n/a	Orgal® P 838 W	●	●				●					
Orgal® P 850 RR	AC	50	8.0 - 9.0	1.000	18	22	Orgal® P 850 RR	●					●					
Orgal® P 888	AC	45	7.0 - 8.0	500	24	30	Orgal® P 888		●	●				●			●	
Orgal® P 050G	AC	47	8.0 - 8.5	1.000	< 3	n/a	Orgal® P 050G	●	●	●							●	
Orgal® P 086V	AC	43	7.5 - 8.5	400	14	n/a	Orgal® P 086V	●	●	●			●	●				●
Orgal® P 090V	AC	45	8.2 - 9.2	500	25	n/a	Orgal® P 090V		●	●	●	●		●				●
Orgal® PR 670	S/AC	30	7.0 - 8.0	100	5	8	Orgal® PR 670						●					
Orgal® PR 842 A	AC	43	8.0 - 8.5	100	9	12	Orgal® PR 842 A	●							●			
Orgal® PR 845 A	AC	46,5	8.0 - 9.0	400	3	-1	Orgal® PR 845 A	●							●			
Orgal® CX 3011	S/AC	42	7.0 - 8.0	200	40	36	Orgal® CX 3011		●								●	
Orgal® CX 3015-X	S/AC	49	7.5 - 9.0	4.000	22	22	Orgal® CX 3015-X										●	
Orgal® CX 3060	S/AC	42	7.0 - 8.0	400	52	63	Orgal® CX 3060				●					●		●
Orgal® F 4520	AC	43	8.0 - 9.0	400	23	n/a	Orgal® F 4520		●		●	●		●				
Orgal® F 4050	AC	40	8.0 - 9.0	1.000	49	49	Orgal® F 4050				●	●		●		●		●
Orgal® DS 95	AC	40	4.0 - 5.0	100	n/a	15	Orgal® DS 95									●		
Orgal® F 4530	AC	43	8.0 - 9.0	400	26	n/a	Orgal® F 4530		●		●	●				●		
Orgal® F 4325	AC	43	8.0 - 9.0	400	27	n/a	Orgal® F 4325				●	●		●	●			
Orgal® F 4626	AC	46	8.0 - 9.5	800	22	n/a	Orgal® F 4626					●				●		

● Excellent ● Suitable

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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 (mPa.s max)	Applications	
Dispersant DMA 40	Sodium Polycarboxylate	40	5.0 - 6.0	2,000	DISPERSANT DMA 40	Low foaming polymeric dispersing agent
Dispersant K 850	Sodium Polycarboxylate	30	9.0 - 10.5	350	DISPERSANT K 850	Polymeric dispersing agent
Dispersant ASP 40	Ammonium Polycarboxylate	40	6.5 - 7.5	400	DISPERSANT ASP 40	Low foaming polymeric dispersing agent
Orgal® M 340	ASE	30	2.0 - 4.0		ORGAL® M 340	General purpose acrylic thickener with pseudoplastic profile
Orgal® M 420	ASE	28	2.0 - 4.0		ORGAL® M 420	General purpose acrylic thickener with pseudoplastic profile
Orgal® HT 465	HASE	30	2.0 - 4.0		ORGAL® HT 465	General purpose hydrophobically modified acrylic thickener with pseudoplastic profile



Legend

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

Notes

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across its entire width, providing a guide for handwriting or typing. The paper itself is a clean, off-white color. There are no margins, text, or other markings present on the page.