THE SECRET INSIDE EXCELLENT PRODUCTS

WATER-BASED RESINS
FOR HIGH-QUALITY COATINGS

GOLDEN RESINS

We produce around 70,000 tons of liquid resins annually, including coating and composite resins. Our coating resin brands – DOMACRYL, DOMOPOL, DOMALKYD, DOMEMUL, DOMOPUR, ATRESIN, ATRELUX and ATRETHIX – have achieved a strong market position and are trusted for their quality and performance. With the combined strength of two strong production companies, ATCOAT and Helios Resins, we serve more than 50 countries worldwide. Our production sites in Germany and Slovenia allow us to deliver our quality resins throughout Europe and beyond. A broad product portfolio, intensive R&D and innovation capabilities, high production flexibility, and superior customer service are the strengths of Helios Resins and ATCOAT as a joint specialist for synthetic resins.

RESPONSIBLE MATERIAL DEVELOPMENT

By developing advanced and long-lasting materials and technolgies, we work to reduce the use of hazardous organic solvents, incorporate bio-renewable raw materials, and create a potential for energy savings. Our product and technology development activities encompass the production of bio-based materials, water-based resins, high solids technologies, BPA-NI resins (without addeed Bisphenol A), recycling solutions, and participation in EU initiatives. We are the first in Slovenia to be ISCC Plus certified and offer several products made from **ISCC PLUS-certified** raw materials certified throughout the value chain back to the point of origin. We are proud to see this reflected in the **EcoVadis Platinum Medal** we received in recognition of our corporate responsibility and sustainability management practices.

DEVELOPED WITH ADVANCED TECHNOLOGIES

Our laboratories and production facilities are fully equipped with the most advanced technologies, which enables the development and production of even the most complex solvent and waterborne resins. Our R&D has advanced skills as well as equipment for polyester and acrylic chemistry, including synthesis under pressure. By continually upgrading our production lines and expanding our production capacities, we can meet the most rigorous and complex needs and demands of our customers.

DOMEMUL – Primary Acrylic Emulsions
DOMACRYL – Secondary Acrylic Emulsions
DOMALKYD – Alkyd Emulsions and Water Thinnable Resins
DOMOPOL – Polyester Emulsions and Water Thinnable Resins
DOMOPUR – Polyurethane Dispersions

QUALITY OF SERVICE

We are committed to providing a flexible and reliable service while satisfying our customers' specific requests. Helios Resins and ATCOAT ensure the quality, stability and reproducibility of every delivery. Our extensive know-how, resulting from more than 100 years of experience, enables us to provide solutions to our customers' challenges. We produce tailormade resins for specific needs and offer support in developing customized applications.

Publisher: Helios Resins | Atcoat 383253 2026 Pictures used under licence from Shutterstock.com

HELIOS RESINS | ATCOAT
www.resinshelios.com www.atcoat.com

2026 EDITION

WATER-BASED RESINS

HELIOS RESINS | ATCOAT

RESIN	DELIVERY FORM	ACID VALUE on solid resin [mgKOH/g]	HYDROXYL CONTENT on solid resin [% OH]	VISCOSITY 23 °C [mPa.s]	MFFT [°C]	pH	MAX. BIO-BASED/ RECYCLED CONTENT (on solid resin [%])	RESIN	General Industry	Transport & ACE	Car refinish	Wood & plastic	Decorative	Road marking	Primer	Basecoat	Clearcoat	Topcoat	1K	Stoving	2K	RESIN	DESCRIPTION
DOMEMUL AA 9673	42 Wa			20 – 250	7	7.5 – 8.5		DOMEMUL AA 9673	•			•	•		•		•	•	•			DOMEMUL AA 9673	Self-crosslinking acrylic emulsion for interior and exterior wood coatings. Fast drying and blocking resistance.
DOMEMUL AA 9672	44 Wa			max. 150	0	7.5 – 9.5		DOMEMUL AA 9672	•			•	•		•		•	•	•			DOMEMUL AA 9672	Core-shell acrylic emulsion for interior and exterior wood coatings. Good gloss and flexibility.
DOMEMUL AA 9670	40 Wa			100 – 800	0	7.5 – 9.5		DOMEMUL AA 9670	•			•	•		•		•	•	•			DOMEMUL AA 9670	Core-shell acrylic emulsion for interior and exterior wood coatings and joinery. Good blocking resistance.
DOMEMUL AA 7962	45 Wa			20 – 250	0	6.0 – 8.0		DOMEMUL AA 7962				•	•					•	•			DOMEMUL AA 7962	Core-shell acrylic emulsion for industrial waterborne wood coatings, interior and exterior, especially for furniture, joinery, decorative application with good chemical resistance, wetting, low-foaming, flow and transparency.
DOMEMUL AA 9674	41 Wa		1.8	20 – 500	50	7.0 – 8.0		DOMEMUL AA 9674				•	•					•	•		•	DOMEMUL AA 9674	Self-crosslinking acrylic emulsion with OH-functionality for industrial waterborne wood coatings for interior, especially for furniture and joinery non-yellowing enamels with good water, chemical and blocking resistance.
DOMEMUL AA 9678	41 Wa		1.8	20 – 500	50	7.0 – 8.0	10	DOMEMUL AA 9678				•	•					•	•		•	DOMEMUL AA 9678	Based on DOMEMUL AA 9674 with 10% bio-based content.
DOMEMUL AA 9679	41 Wa		1.8	20 – 500	50	7.0 – 8.0	30	DOMEMUL AA 9679				•	•					•	•		•	DOMEMUL AA 9679	Based on DOMEMUL AA 9674 with 30 % recycled content.
DOMEMUL AA 7762	45 Wa			20 – 350	31	7.5 – 8.5		DOMEMUL AA 7762				•	•					•	•			DOMEMUL AA 7762	Self-crosslinking acrylic emulsion for industrial waterborne wood finishes, interior. Good chemical and mechanical resistance, wetting, low-foaming, flow and transparency. Hand cream resistance, fast drying and hardness.
DOMEMUL AA 7764	45 Wa			20 – 350	31	7.5 – 8.5	15	DOMEMUL AA 7764				•	•					•	•			DOMEMUL AA 7764	Based on DOMEMUL AA 7762 with 15% bio-based content.
DOMEMUL AA 7765	45 Wa			20 – 350	31	7.5 – 8.5	38	DOMEMUL AA 7765				•	•					•	•			DOMEMUL AA 7765	Based on DOMEMUL AA 7762 with 38% bio-based and recycled content.
DOMEMUL AA 9269	50 Wa			max. 1000	30	10.0 – 11.0		DOMEMUL AA 9269	•					•				•	•			DOMEMUL AA 9269	Acrylic emulsion for road marking coatings with very fast drying. Good performance at high humidity and low temperature conditions.
DOMEMUL AA 9300	52 Wa			max. 1000	9	10.0 – 11.0		DOMEMUL AA 9300	•					•				•	•			DOMEMUL AA 9300	Quick drying 100% water acrylic emulsion for durable road paints. Recommended for low temperature climates.
DOMEMUL SA 9262	42 Wa			50 – 250	30	8.0 – 8.5		DOMEMUL SA 9262	•				•		•			•	•			DOMEMUL SA 9262	Styrene-acrylic emulsion. Good mechanical and chemical resistance.
DOMEMUL AA 7777	47 Wa			100 – 1000	18	7.0 – 9.0		DOMEMUL AA 7777	•	•		•	•						•			DOMEMUL AA 7777	Hydrophobic acrylic dispersion for anti-corrosive applications, stain locking primers and primers for enhanced exterior durability. Suitable for DTM.
DOMACRYL 0724	45 Wa / PnB / SA	24 – 30	4,1	200 – 1000		7.0 – 8.0	12	DOMACRYL 0724	•	•	•	•						•	•		•	DOMACRYL 0724	Acrylic secondary dispersion for 2K PU aq. systems. Excellent applicability, resistance and appearance in combination with water-emulsifiable polyisocyanates.
DOMACRYL 0769	45 Wa / BG / SA	20 – 30	3.3	200 – 1000		7.0 – 8.5		DOMACRYL 0769	•	•	•	•					•	•			•	DOMACRYL 0769	Standard secondary acrylic dispersion for medium OH PU coatings. Suitable for DTM.
DOMEMUL OHA 9200	45 Wa		2.8	20 – 600		7.5 – 9.0		DOMEMUL OHA 9200	•	•		•			•		•	•			•	DOMEMUL OHA 9200	OH-functional styrene-acrylic primary emulsion. Good gloss and adhesion to metal, suitable for DTM. Cost-efficient.
DOMALKYD 0246	70 BG	35 – 65		8000 – 22000			42	DOMALKYD 0246	•						•			•		•		DOMALKYD 0246	Epoxy modified alkyd resin, water reducible after neutralization. Good pigment wetting, enhanced adhesion, rapid curing, good anticorrosion properties.
DOMALKYD 0261	70 PnB / 2B	35 – 45		5000 – 15000			61	DOMALKYD 0261	•						•			•	•	•		DOMALKYD 0261	Alkyd resin, water reducible after neutralization. Very fast drying and excellent corrosion resistance.
DOMALKYD 0265	70 BG / 2B / PnB	30 – 35		15000 – 20000			62	DOMALKYD 0265	•						•			•	•	•		DOMALKYD 0265	Alkyd resin, water reducible after neutralization. Fast drying, high gloss and good corrosion resistance.
DOMOPOL 5301	60 BG	24 – 28	2.8	1300 – 2700				DOMOPOL 5301	•	•	•					•		•	•			DOMOPOL 5301	Milling resin. Water-thinnable after neutralization. Good pigment wetting and adhesion.
DOMALKYD 0391	80 Wa / BG	40 – 50	6.5	30000 – 60000		7.0 – 9.0	66	DOMALKYD 0391	•						•			•		•		DOMALKYD 0391	Waterborne alkyd for primers and top coats with less than 2% co-solvent. Very suitable for drums.
DOMALKYD 0801	58 Wa			max. 1200			72	DOMALKYD 0801				•	•									DOMALKYD 0801	Amine and cosolvent free alkyd emulsion.
DOMALKYD 0545	40 Wa	max. 28	1.0	50 – 1000		7.0 – 8.0	60	DOMALKYD 0545	•			•	•		•			•	•	•		DOMALKYD 0545	PU modified alkyd emulsion without organic solvents. Rapid air drying, high gloss and hardness, good water and chemical resistance.
DOMALKYD 0547	42 Wa	15 – 20		max. 10000		7.5 – 8.5	60	DOMALKYD 0547	•			•	•		•			•				DOMALKYD 0547	PU modified alkyd emulsion without organic solvents. Very rapid physical drying, high gloss and hardness.
DOMALKYD 0460	38 Wa / MP			9000 – 15000		8.0 – 9.0	79	DOMALKYD 0460	•			•	•					•	•			DOMALKYD 0460	Acrylic modified alkyd emulsion. Fast air drying, high gloss, excellent flow and very low-yellowing. Low VOC content.
DOMOPOL 0194	45 Wa	50 – 60	3.3	300 – 1500		7.0 – 9.0	14	DOMOPOL 0194	•									•		•		DOMOPOL 0194	Metal decoration enamels, solvent free. Water reducible after neutralization. High gloss, good weatherability, along with high thermal stability.
DOMOPOL 0358	70 Wa / BDG	40 – 60	3.0	15000 – 25000		7.0 – 8.0	16	DOMOPOL 0358	•									•		•		DOMOPOL 0358	Waterborne polyester for low co-solvent non-yellowing industrial stoving lacquers.
DOMOPOL 5160	75 BG	50 – 60	3.3	6500 – 8500			52	DOMOPOL 5160	•									•		•		DOMOPOL 5160	Saturated polyester, water reducible after neutralization. Good yellowing resistance.
DOMOPUR 0133	36 Wa	30 – 50		2000 – 8000		7.0 – 8.5	47	DOMOPUR 0133	•	•		•	•					•	•			DOMOPUR 0133	Aqueous PU dispersion modified with unsaturated fatty acids for paints in spray cans.
DOMOPUR 0215	35 Wa			20 – 100		7.0 - 8.5		DOMOPUR 0215				•			•		•	•	•		•	DOMOPUR 0215	Self-crosslinking aliphatic PU dispersion. Non yellowing, high abrasion, chemical, black heel mark, and scratch resistance.
DOMOPUR 0235	40 Wa			20 - 180		7.0 – 8.5		DOMOPUR 0235	•		•	•										DOMOPUR 0235	PU dispersion compatible with acrylic polyols to boost performance of 2K PU aq. systems. Offers higher gloss, chemical and UV resistance.
DOMOPUR 0411	35 Wa			20 - 300		7.0 – 9.0		DOMOPUR 0411				•	•			•			•			DOMOPUR 0411	PU dispersion based on polycarbonate polyol. Very good adhesion to plastic and wood substrates. Offers high chemical, water and UV resistance.
DOMOPUR 0632	38 Wa			10 - 500		7.3 - 8.3		DOMOPUR 0632				•										DOMOPUR 0632	Aqueous acrylic modified PU dispersion for radiation curing coatings. Designed for coating of wood, paper and plastic substrates with good stain, scratch and abrasion resistance.
ADDITIVE EP024	73 Wa / BG	40 – 50		5000 – 8000				ADDITIVE EP024	•						•					•		ADDITIVE EP024	Epoxy phosphate additive for waterborne stoving enamels. Improves adhesion and corrosion, chemical and stain resistance.

BDG = Butyldiglycol, **BG** = Butylglycol, **2B** = 2-Butanol, **DPM** = Dipropylene glycol monomethyl ether, **DTM** = Direct-to-metal, **ISCC** = International Sustainability and Carbon Certification, **MP** = Methoxypropanol, **PnB** = Propylene glycol monobutyl ether, **SA** = Aromatic solvent 100, **Wa** = Water. Bio-based/recycled content refers to the portion of the resin derived from renewable plant-based or recycled feedstocks and/or attributed to ISCC PLUS certified content under the mass balance approach.
Max. bio-based/recycled content refers to the portion of the resin derived from renewable plant-based or recycled feedstocks and/or attributed to ISCC PLUS certified content under the mass balance approach. The validity of the ISCC PLUS certificate can be verified via the official website (https://iscc-system.org/).