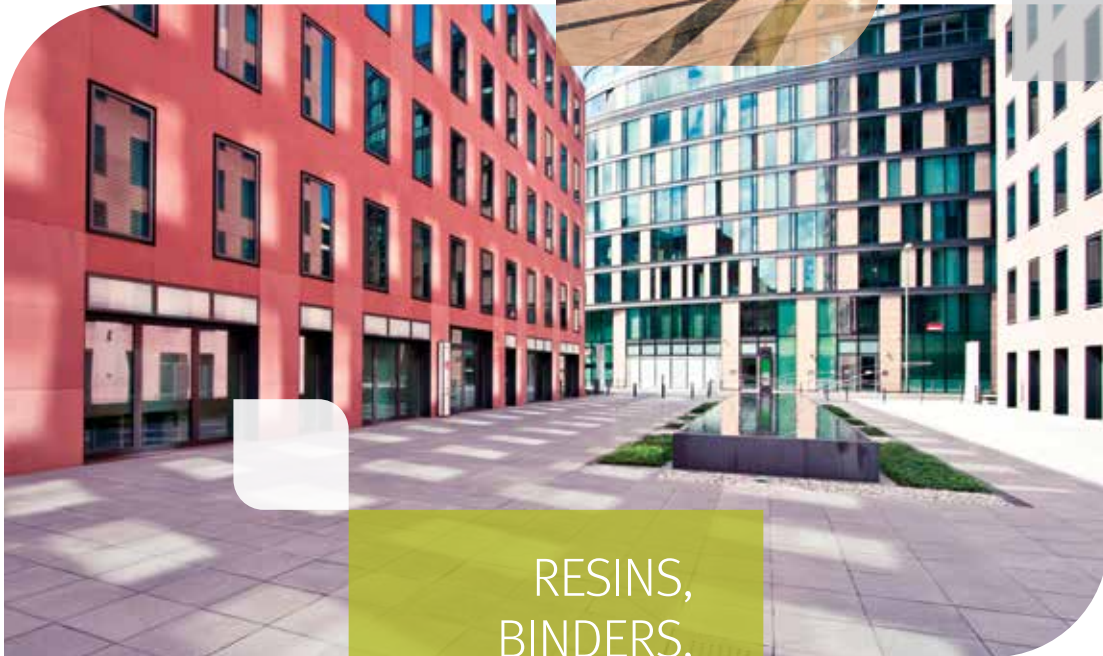


The Lubrizol logo is displayed in white text on a black background. The word "Lubrizol" is written in a stylized, italicized font with a horizontal line underneath the letters "i" and "z".

Lubrizol

PAINTS & COATINGS



RESINS,
BINDERS,
ADDITIVES &
FORMULATED
SOLUTIONS



BUILDING &
CONSTRUCTION
COATINGS
PRODUCT
GUIDE

RESINS AND DISPERSANTS FOR MORTAR-MODIFIED ELASTIC WATERPROOFING MEMBRANES



TOPCOAT RESINS FOR COMMERCIAL ROOF APPLICATIONS



RESINS FOR WATERPROOFING MEMBRANES AND COATINGS USED ON POOL DECKS



PRIMER RESINS FOR COMMERCIAL ROOFING SUBSTRATES



ACRYLIC RESINS AND POLYURETHANE DISPERSIONS FOR HORIZONTAL MASONRY COATINGS



RESINS AND DISPERSANTS FOR VERTICAL ELASTOMERIC COATINGS



RESINS AND DISPERSANTS FOR SEALERS AND DECORATIVE TOPCOATS



MAKING THE WORLD MORE BEAUTIFUL THROUGH INNOVATIVE SURFACE COATINGS

BUILD TO LAST WITH LUBRIZOL

Lubrizol creates specialty chemical solutions that deliver value for coatings manufacturers, architects, builders, and building owners. Our advanced portfolio of resins, polymers, dispersants, and surface modifiers beautify and strengthen a diverse range of interior and exterior surfaces for building and construction applications.

With advanced Lubrizol technologies, coatings manufacturers can improve coating performance and production efficiency. Contractors and architects can shorten construction schedules and reduce labor costs. Property owners will enjoy long-lasting, visually appealing surfaces.



VERTICAL MASONRY

Suitable for concrete, block, brick, stucco, fiber cement and EIFS, Lubrizol resins and additives ensure excellent appearance, excellent color retention, and resistance to water, efflorescence and dirt pick-up.

HORIZONTAL MASONRY

Horizontal surfaces often experience the toughest wear. Coatings based on Lubrizol resins and additives enhance the appearance and durability of masonry surfaces.



LIQUID ROOF COATINGS

Lubrizol resins offer dependable protection against weathering, dirt pick-up, and ponding water damage. Our additives disperse pigments that promote reflectivity, which results in lower energy costs for building owners.



MORTAR MODIFICATION

Lubrizol resin and additive technology is designed to deliver premium mortar performance, including excellent waterproofing, outstanding flexibility (resulting in less cracking), decreased working time, and very good flow characteristics.

RESINS & POLYMERS



PRODUCT NAME	DESCRIPTION	KEY FEATURES	APEO-FREE*	NMP-FREE*	FORMALDEHYDE-FREE*	USES					TYPICAL PHYSICAL PROPERTIES				
						LIQUID ROOF COATINGS	VERTICAL MASONRY COATINGS	HORIZONTAL MASONRY COATINGS	MORTAR MODIFICATION	WEIGHT SOLIDS (%)	VISCOSITY cP	pH	MFFT (°C)	SPECIFIC GRAVITY	COATING VOC CAPABILITY (GRAMS/LITER)
Carboset® 2968	Acrylic Copolymer Emulsion	High hardness; Robust water resistance; Outstanding chemical, stain, and early mar resistance; Excellent gloss/wet look	Yes	Yes	Yes					42.0	76	8.1	57	1.05	250
Carboset® 7722	Acrylic Copolymer Emulsion	Versatile binder for enamels and primers ; Good scrub resistance; Early block and print resistance; Slurry compatibility and color acceptance; Low coalescent demand	Yes	Yes	Yes					50.0	40-800	8.4-9.2	45	1.06	-
Carboset® 7733	Acrylic Copolymer Emulsion	Low coalescent demand; Inherent stain removal or washability; Early block and print resistance; Good flow and leveling; High gloss coatings	Yes	Yes	Yes					50.0	40-800	8.4-9.2	21	1.06	-
Carboset® AE-960	Acrylic Emulsion	Excellent dirt pick-up; Superb balance of elongation and tensile strength; Outstanding water resistance, weathering and crack bridging performance	Yes	Yes	Yes					55.0	2,000 max	8.5	-	1.03	0
Carboset® CA-600	Acrylic Emulsion	Good early water resistance and short dry time; Good substrate penetration; Excellent resistance to blushing, alkaline, efflorescence, stain and chemical exposure; Excellent exterior exposure/weathering and non-yellowing	Yes	Yes	Yes					42.0	41	8.3	35	1.06	100
Carboset® 2951	Acrylic Copolymer Emulsion	Low MFFT with excellent blocking and hardness development. Indoor and Outdoor applications.	Yes	Yes	Yes					44.0	30-200		45	1.01	
Carboset® CA-1008A	Acrylic Polyurethane Emulsion	Excellent water resistance/low water absorption; High elasticity before and after weathering; Low dirt pick-up and excellent weathering durability	No	No	Yes					48.0	5-100	8.5	0	-	50
Carboset® CA-1009	Acrylic Polyurethane Emulsion	Superior water resistance; High durability against wear and weather; UV and thermal aging resistance; Very low water uptake and capillary absorption	Yes	Yes	Yes					55.0	150-800	8.0-9.0	-	1.10	50
Carboset® CR-785	Acrylic Copolymer Emulsion	Cure and seal polymer for horizontal concrete	No	Yes	No					42.5	40	8.0	44	1.03	270
Carboset® CR7185	Acrylic Copolymer Emulsion	APEO and formaldehyde-free polymer for floors and concrete curing membranes. Good hardness and chemical resistance.	Yes	Yes	Yes					42.0	10-300		44	1.03	
Carboset® RPT 2000	Acrylic Copolymer Emulsion	Universal primer for roofs; Good bitumen bleed through resistance; Good adhesion across range of substrates; Excellent topcoat performance for temperate climates	Yes	Yes	Yes					55.0	100-1,500	7.9-8.7	9	1.06	50
Carboset® RPT 3030	Acrylic Emulsion	Good adhesion to EPDM; ASTM D6083 compliance capable; Excellent low temperature elasticity capability	Yes	Yes	Yes					55.0	200-1,000	8.0	0	1.06	450
Carboset® RP 7350	PVDC Emulsion	Roof primer for metal; Low permeability; Excellent corrosion resistance; Moisture vapor barrier coatings (low MVTR)	Yes	Yes	Yes					59.5	50	2.3	13	1.28	100
Carboset® SA-820	Styrene Acrylic Emulsion	Very stable; resists deterioration and efflorescence when applied directly to highly alkaline substrates such as green concrete and hot stucco; Outstanding long-term elasticity; Excellent water and alkali resistance	No	Yes	Yes					49.0	10,000	8.3	0	1.03	0
Carboset® CA7120RC	Styrene Acrylic Emulsion	APEO and formaldehyde-free version of Carboset SA-820; Excellent adhesion to multiple substrates; Good alkali resistance and excellent balance of mechanical properties for elastomeric and roof coating formulations.	Yes	Yes	Yes					49.0	8000-12500		0	1.01	
Carboset® SA 850A	Acrylic Copolymer Emulsion	Excellent dirt pick-up, alkali and efflorescence resistance; Robust crack-bridging capability and weathering performance; Excellent resistance to chalking, fading and water penetration; Excellent for primers and topcoats.	Yes	Yes	Yes					55.0	100-1500	7.9-8.7	9	1.06	50
Carboset® SA-860	Styrene Acrylic Emulsion	Excellent resistance to dirt pick-up, efflorescence, alkali and water; Outstanding weathering and crack-bridging performance; Strong adhesion to cementitious substrates	No	Yes	Yes					50.0	7,000-10,500	8.3	21	1.06	150
Carboset® CA7160RC	Styrene Acrylic Emulsion	APEO- and formaldehyde-free version of Carboset SA-860; Excellent binding properties; Excellent for primers and top coat formulations.	Yes	Yes	Yes					49.0	2,500-5,000		18	1.01	
Carboset® X-Flex 100	Acrylic Emulsion	Imparts high mortar flexibility; High flexibility at low temperatures; Dual adhesion properties for adhesion to concrete and tile adhesives	Yes	Yes	Yes					60.0	250	8.5	-	1.01	-
Doresco® L91-1x	Solvent-borne Acrylic Polymer in Xylene	A general purpose hard acrylic that is good for concrete coatings	Yes	Yes	Yes					-	6,000	-	-	-	350
Sancure™ 20025F	Aliphatic Polyurethane Dispersion	Can be blended with acrylics to enhance coating durability	Yes	No	Yes					48.0	500 max	8.0	-	1.05	50
Sancure™ 970	Composite Polyurethane Dispersion	High solids polyurethane dispersion; For 1K and 2K high performance floor sealers and coatings; Good chemical resistance	Yes	Yes	Yes					42.0	500 max	8.0-9.0	50	1.06	-
Turboset™ 2027	Composite Polyurethane Dispersion	Self-crosslinking; Excellent Taber abrasion resistance; Chemical resistance; High solids	Yes	Yes	Yes					39.0	500 max	8.2-9.2	23	1.07	-
Turboset™ Ultra Eco	Composite Polyurethane Dispersion	Self-crosslinking; VOC levels in final formulation less than 50 grams per liter; Excellent Taber abrasion and black heel mark resistance; Alkali resistance for early applications onto green concrete.	Yes	Yes	Yes					36.0	400 max	7.5-9.0	44	1.04	-
Aptalon™ 8080HS	Polyamide Polyurethane Dispersion	High solids polyamide based polyurethane dispersion. Higher film thickness with less coats. Excellent abrasion and chemical resistance resistance.	Yes	Yes	Yes					50.0	4500	7.5-9.0	-	1.01	-

*Ingredients not intentionally contained in the composition or used in manufacture.

HYPERDISPERSANTS

PRODUCT NAME	PIGMENT TYPE	USES	TYPICAL PHYSICAL PROPERTIES		
			PHYSICAL FORM	ACTIVE (%)	SOLVENT
Solplus™ D610	Organic & Inorganic	Dispersion of organic pigments and silica in epoxy, PU and polyaspartic floor systems improving the self-levelling properties. Excellent stability in reactive systems.	Liquid	100	-
Solplus™ D510	Organic & Inorganic	Increased pigment or silica sand loading, improved self-leveling, color separation resistance and resistance to settling in epoxy flooring applications.	Liquid	100	-
Solplus™ D570	Inorganic	Effective in dispersing higher levels of inorganic pigments and fillers in 100% solid epoxy systems while improving viscosity stability.	Liquid	100	-
Solplus™ K500	Inorganic	Improvement of dispersion and stability, increased filler loading and improved wetting. Particularly effective in epoxy flooring applications.	Liquid	100	-
Solsperse™ 40000	Inorganic	General purpose water-borne, low foam, great for TiO2 and CaCO3.	Liquid	85	Water & Diethanolamine (DEA)
Solsperse™ 44000	Organic & Inorganic	Dispersant for water-based paints.	Liquid	50	Water
Solsperse™ W100	Organic & Inorganic	APEO-free polymeric dispersant that improves dispersion and stability in aqueous coatings. General purpose product with broad applicability.	Liquid	40	Water
Solsperse™ WV 400	Organic & Inorganic	Dispersant for water-based paints, with excellent resistance to standing water.	Liquid	40	Water

SURFACE MODIFIERS

PRODUCT NAME	USES	TYPICAL PHYSICAL PROPERTIES		
		PHYSICAL FORM	ACTIVE (%)	SOLVENT
Aquaslip™ 671	Oxidized polyethylene wax emulsion. Provides scratch and abrasion resistance with minimal influence on gloss.	Liquid	37	Water
Aquaslip™ 677	Modified paraffin-based wax emulsion. Provides water resistance and water beading effect. Low influence on gloss and good surface protection.	Liquid	55	Water
Lanco™ Glidd 4370	Creates a protective and decorative layer on stucco wall coatings. Reduces dirt pick-up and enhances easy-to-clean property.	Smooth Flowable Paste	60	Mineral Oil
Lanco™ Glidd 6148	Polyethylene wax dispersion. Provides excellent scratch and abrasion resistance with controlled matting effect.	Liquid	53	Water
Lanco™ 1390F	Modified synthetic wax for water and solvent based systems. Excellent in-can stability. Provides matting, hardness and excellent slip resistance.	Powder	100	-
Lanco™ Matt 2000	Organically treated silica matting agent. Provides strong and uniform matting effect.	Powder	100	-

SPECIALTY ADDITIVES

PRODUCT NAME	USES	TYPICAL PHYSICAL PROPERTIES		
		PHYSICAL FORM	ACTIVE (%)	SOLVENT
Solthix™ A100	For viscosity and flow control with highest thixotropic index, excellent sag resistance, and minimal impact on gloss.	Liquid	30	Water
Solthix™ A200	For viscosity and flow control with high thixotropic index, excellent sag resistance, and minimal impact on gloss.	Liquid	30	Water
Solthix™ 250	Viscosity and flow control with excellent sag resistance and minimal impact on gloss.	Liquid	40	PM Acetate

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