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FINISHING TECHNOLOGIES

# PERFORMANCE COMPARISON GUIDE

FOR METAL FINISHING TOPCOATS

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# TOPCOATS PERFORMANCE COMPARISON CHART

## EASY TO USE REFERENCE FOR USAGE, FEATURES & BENEFITS

PRODUCT NAME	DESCRIPTION	SOLID TYPE	pH	PHYSICAL APPEARANCE											FEATURES & BENEFITS
					ALKALINE STRIPPABLE	UV TRACER	TORQUE TENSION CONTROL	AUTO FLUID RESISTANCE	HIGH TEMP RESISTANCE	FREEZE-THAW RESISTANCE	BLACK CHROMATES	CLEAR CHROMATES	DIRECT ON STEEL	DIRECT ON ZINC	
HyproCoat™ 318	Organo-Mineral Sealer & Torque Modifier	Acrylic Copolymer/ Fumed Silica	9.3	Translucent	●	○	●	●	●	●	●	●	●	○	Versatile, low COF, torque modifier topcoat. Low VOC, self-crosslinking, excellent corrosion resistance and no iridescence on black chromates, interior rust protection, recoatable, tough, flexible coating
HyproCoat™ 319	Organo-Mineral Sealer & Torque Modifier	Acrylic Copolymer/ Silicate	9.4	Translucent	●	○	●	●	●	○	●	●	●	○	Eliminate white haze of black passivates over Zn-Ni, excellent corrosion resistance on Zn-Ni platings, torque modifier, low COF and VOC, interior rust protection
HyproCoat™ 320	Inorganic Sealer	Alkaline Metal Silicate	>10	Clear, Yellow	●	●	○	●	●		●	●	●		Inorganic, excellent corrosion resistance on clear chromates, interior rust protection, conversion coating, automotive approved, contains a UV tracer; flame resistance
HyproCoat™ 320s	Silane Modified Inorganic Sealer	Alkaline Metal Silicate/Silane	11.7	Water Clear	●	●	○	●	●		●	●	●		Outstanding corrosion resistance on clear chromates, uniform coating, low efflorescence; flame resistance
HyproCoat™ 330	Organo-Mineral Sealer	Acrylic Copolymer/ Fumed Silica	8.8	Translucent to Clear	●	○	○	●	●	●	●	●	○	○	Outstanding corrosion resistance on clear chromates, no iridescence, good adhesion on metal substrates, automotive approved
HyproCoat™ 437	Organo-Mineral Sealer	Acrylic Copolymer/ Fumed Silica/Wax	9.0	Milky White	●	●	●		○		○	●	●	○	Low COF on Zn-Ni alloy, water resistance, excellent corrosion resistance on clear chromates
HyproCoat™ 455	Organo-Mineral Sealer	Acrylic Copolymer/ Fumed Silica	9.4	White, Translucent	●	○	●	●	●	●	●	●	●	○	Low COF on Zn, excellent corrosion resistance on clear and colored chromates
HyproCoat™ 570	Organo-Mineral Sealer	Polyurethane-Acrylic Copolymer/ Fumed Silica	8.6	Milky White	○	○	○	●	●	●	●	●	●	○	High COF, crosslinking polymer, glossy appearance on black chromates, UV resistance, good chemical resistance
HyproCoat™ 888	Organo-Mineral Sealer & Torque Modifier	Acrylic Copolymer/ Silica	10.1	Clear	●	○	●	●	●	○	●	●	●	○	Water clear, minimal drip marks, versatile topcoat, torque modifier, low COF and VOC, excellent corrosion resistance, no iridescence, low film formation temperature, interior rust protection
INS 630	Organo-Mineral Sealer & Torque Modifier	Acrylic Copolymer/ Silane	8.9	Translucent	●	○	●	●	●	○	○	●		○	pH Insensitive, torque modifier, low COF and VOC, excellent corrosion resistance on clear passivates
LaClear 2H	Organic Sealer	Acrylic Copolymer	9.3	Clear, Amber	●	○	○	●	●	●	●	●	●	○	Water soluble, good dispersant for particle suspensions, tarnish resistance for copper and brass, uniform coating, no drip mark, fast drying, good corrosion protection
Pavcoat TTF 810	Torque Modifier	Polyethylene Wax/PEG	8.5	Milky White	●	●	●		○		○	●	●	○	Effective torque modifier, improve corrosion resistance, improve anti-finger print

NOTE: ● = recommended   ● = possible   ○ = not recommended