

ACABADOS PROTECTORES

ZINC & ZINC ALLOY

Characteristics	Process Name	Description / Key Features	Consumption (in liters of additives per 10.000 Ah)	Ecology
Acid Zinc	ZETAPLUS 600	Dedicated to steel castings. Wide temp. range: 20-45°C. Ductile	Base	No AOX*
	ZETAPLUS 450	Very ductile deposit. Wide temperature range: 20 - 55°C.	Base Brightener	No AOX* No OCB* Low COD*
	ZETAPLUS 455	Very ductile deposit. Wide temperature range: 20 - 55°C.	Base Brightener Replenisher (rack) Replenisher (barrel)	
	ZETAPLUS 869	High speed, continuous Zn plating system for tubes, wire and steel strip (based on sulphates)	Base Brightener Replenisher	
	ZETAPLUS 865	For reel to reel	Base Brightener	
	ZETAPLUS 465 BF	Bright, ductile, Potassium electrolyte	Base Brightener Additive	Without Boric Acid
	ZETANIUM 220	Bright, ductile, economical electrolyte	Brightener Replenisher (barrel)	
	ZETANIUM 250	Bright, ductile, economical electrolyte	Base Brightener Replenisher (rack)	
	ZETAPLUS Citation	High temperature tolerance Potassium, Ammonium or Mixed Electrolyte	Make Up Maintenance	
	ZETAPLUS Insignia "E"	Bright, ductile, economical Ammonium or mixed electrolyte	Make-Up Maintenance	
	ZETAPLUS Merit	Bright, ductile, economical Ammonium or mixed electrolyte	Make-Up Maintenance	



Characteristics	Process Name	Description / Key Features	Consumption (in liters of additives per 10.000 Ah)	Ecology
Alkaline Zinc	PRIMION 240	Uniformity of thickness, outstanding, bright throwing power at low cd. Can be used in a wide range of Zn concentrations, from 7 to 14 g/l.	Base Brightener Purifier 1 Purifier 2 Replenisher Purifier 2	EDTA free
	PRIMION 250	Higher brightness than PRIMION 240	Base Brightener Purifier 2 Purifier 3	EDTA free
Alkaline Zinc	PRIMION Contour Plus	Single component system. Offers high efficiency and exceptional high, low thickness distribution	Additive	EDTA free
	PRIMION Radiance	Single component system. Offers high efficiency and overall good brightness. Contains EDTA	Additive	
Alkaline Zinc Nickel 12 – 15 %	PERFORMA 280.5 / 285	Cathode efficiency: Without PMS/3S membrane: 50 – 60 % With PMS/3S membrane: 60-80%	Base NI-CPL Bri. Universal Additive LCD	Low Amine content. With membrane: no CN, nor breakdown products
	PERFORMA 288	Very ductile bath.	Base Ni CPL Brightener Purifier	With membrane: no CN, nor breakdown products
Acid Zinc Nickel	PERFORMA 560	High cathode efficiency: 95 %	Additive H Base Brightener	Ammonia free
Zinc Iron	PERFORMA 260	Very good cathode efficiency for barrel applications	Stabilizer Base FE Additive	Less organic content. Amine free
	PERFORMA 261	Very good cathode efficiency for barrel applications	Additive Base FE Additive RP Stabilizer	Less organic content. Low amine: simple waste water treatment
Acid Zinc Cobalt	XENITH Pinnacle	High performance Versatile process for rack or barrel installations	Maintenance Co-Replenisher	
Alkaline Zinc Cobalt	XENITH Paragon	High performance Versatile process for rack or barrel installations	Additive Stabilizer Replenisher	
Tin Zinc	PERFORMA 730	Neutral process for deposition of Tin Zn alloy 75/25	Base Brightener Stabilizer	

* AOX: absorbable organic halogen. OCB: ortho-Chloro-benzaldehyde. COD: chemical oxygen demand

TRIVALENT CHROME PASSIVATE

Characteristics	Process Name	Description / Key Features	Operation parameters	Ecology
Clear blue on pure Zinc	LANTHANE TC-SA	Economical, 12-24h- passivate	10 – 30 ml/l	Co free
	TRIAZUR 100	Economical, 12-24h- passivate	30 – 50 ml/l	Co free
	TRIAZUR 310	Economical, 12-24h- passivate	20 – 40 ml/l	Co free
Blue passivate on pure Zinc	LANTHANE Stellar	Pronounced Blue, 24-48 h-passivate		
Uniform blue On pure Zinc	FINIDIP 124	Deep blue aspect. Contains Co and F	30 – 40 ml/l	
	LANTHANE BLUE 126	Good corrosion resistance. Contains Co and F	60 – 100 ml/l	
	FINIDIP 137	Deep blue aspect. Contains Co and low F	15 – 25 ml/l	
	FINIDIP 140	Deep blue aspect. Contains Co and low F	50 – 80 ml/l	
Iridescent aspect on pure Zinc	LANTHANE 315	Excellent corrosion resistance. High Co and Cr concentration	150 – 180 ml/l	
	LANTHANE 311	Good corrosion	120 – 180 ml/l	Co free
	LANTHANE 316	Excellent corrosion resistance	100 – 200 ml/l	Low Co and Cr concentrations, low temperature
Silica inside passivation layer	LANTHANE TR 175	Excellent corrosion resistance	100 – 150 ml/l part A 80 – 100 ml/l part B	Low Co concentration
	LANTHANE SI 358	Excellent corrosion resistance	100 – 120 ml/l part A 80 – 100 ml/l part B	Co free



Characteristics	Process Name	Description / Key Features	Operation parameters	Ecology
Yellow on pure Zinc	LANTHANE YELLOW 334/335	Yellow aspect. Contains Se	140ml/l part A 12 ml/l part B 100 ml/l part A 10 ml/l part B	
	LANTHANE YELLOW 333	Yellow aspect. With dye	100 ml/l part A 1-2 ml/l part B (dye)	Se free
Black on pure Zinc	LANTHANE BLACK 707	Very black aspect on Alkaline Zn in rack and good corrosion resistance. Contains Co	100 ml/l part A 100 ml/l part B	
	LANTHANE BLACK 720	Black aspect for all types of Zn. Contains Co	50 – 90 ml/l part A 50 – 75 ml/l part B	
	EX CBK 0907 (LANTHANE BLACK 730)	Black passivation for all kind of zinc deposit. Good deep black aspect	50 – 90 ml/l part A 50 – 75 ml/l part B	Co free
Black on pure Zinc	LANTHANE TR 184 JK	Uniform, stable, high performance black for rack alkaline Zn	50 ml/l part J 30 ml/l part K	
	LANTHANE TR 185 JK	Uniform, stable, high performance black for rack alkaline Zn	100 ml/l part J 80 ml/l part K	
	LANTHANE TR 185 FG	Uniform, stable, high performance black for rack acid Zn	50 ml/l part J 80 ml/l part K	
Transparent blue on Zn / Ni	FINIDIP 128	Blue-violet aspect. Contains Co	150 ml/l	
	FINIDIP 128.2	Blue aspect. Contains Co	120 ml/l	
	FINIDIP 129	Blue aspect. Contains Co	Barrel:25 ml/l part A, 75 ml/l part B Rack: 60ml/l part A, 70ml/l part B	
	FINIDIP 128.5	Transparent. Contains F	100 ml/l	Co free
	FINIDIP 128.6	Silver aspect	60 ml/l	Co free
	FINIDIP SILVER Zn-Ni	Silver aspect. Contains Co	125 ml/l	
Black on Zn / Ni	FINIDIP 728.2	Deep black aspect. Contains Co	80 – 100 ml/l	
	FINIDIP 728.3	Deep black aspect	80 ml/l part A 70 ml/l part B	Co free
Black on Zn / Fe	FINIDIP 726	Exceptional appearance and performance. Contains Co.	40 ml/l part A 250 ml/l part B	
	FINIDIP 726.2	Exceptional appearance and performance. Contains Co.	10 ml/l part A 30 ml/l part B	
	LANTHANE BLACK 727 F	For barrel. Exceptional appearance and black performance in only one product. Contains Co.	250 ml/l	

TOP COAT

Characteristics	Process Name	Description / Key Features	Operation parameters	Ecology
Post Dip	POST DIP FT 190	For post treatment. To increase black aspect & corrosion resistance. Special effect for black aspect & corrosion resistance	50 – 250 ml/l	Trivalent Cr
	POST DIP 195	For post treatment. To increase black aspect & corrosion resistance. Special effect for black aspect & corrosion resistance	100 – 200 ml/l	Trivalent Cr
Specific for fasteners	FINIGARD 105	CoF 0.12 – 0.18	85 -100 %	
	FINIGARD 111	CoF 0.08 – 0.13	90 -100 %	
	FINIGARD 150	CoF 0.12 – 0.18 on steel and Aluminum	80 -100 %	
	FINIGARD 107	Lubricant for self tapping screws	100 %	
	FINIGARD 113	CoF 0.10 – 0.16 only for GM on Zn-Ni	85 -100 %	
	FINIGARD 113 G	CoF 0.10 – 0.16 only for GM on alkaline Zn	85 -100 %	
	FINIGARD 114	CoF 0.10 – 0.16 only for Fiat and Bulton	100%	
	ZINTHIUM FOM 302	CoF 0.12 – 0.18 for black aspect	90 -100 %	
Non-fastener applications	FINIGARD 200 / 200A	Economical, easy to use. For additional corrosion protection on Zn and Zn alloy	5 - 20 %	Inorganic solution
Non-fastener applications	FINIGARD 401	Easy to use. Good corrosion resistance	15 - 30 %	
	FINIGARD 450	Easy to use. Good corrosion resistance. UV resistance	15 - 30 %	
	FINIGARD 460	Very high corrosion resistance. UV resistance. 80-90°C drying process	25 - 50 %	
	FINIGARD 469	Very high corrosion resistance. UV resistance. 80-90°C drying process	15 - 30 %	
	FINIGARD BLACK 740	Intense black aspect. Only for rack. For pure Zn and Zn alloy	40 - 60 %	
	PROTEX	Economical	15 – 20%	
	PROTEX WG	Economical, easy to use. For additional corrosion protection on Zn and Zn alloy	5 – 20 %	
Lubricant	FINILUBE BS 58	CoF 0.11 – 0.14	10 – 30 %	
	FINILUBE BS 60	CoF 0.08 – 0.13	20 – 50 %	
	FINILUBE BS 61	CoF 0.10 – 0.14	10 – 50 %	
	FINILUBE BS 62	CoF 0.10 – 0.14	30 %	