

responsibility Nur internes Feld	product group Nur internes	OEM/Tier1	Specification	Atotech Products	Saltspray (hours)	Thickness (depending on part/process)	Color	product 1 (electrolyte / basecoat) Nur internes Feld	product 2 (passivation / topcoat) Nur internes Feld	product 3 (sealer / topcoat) Nur internes Feld	product 4 (CP interlayer) Nur internes Feld	product 5 (CP topcoat) Nur internes Feld	designation Nur internes Feld	type of approval Nur internes Feld	parts Nur internes Feld	comment Nur internes Feld	customer	country
Pasquale Cozzolino	F&S	Adwen (former Areva)	AP516512	Zintek® 200 Techseal® Silver WL4 (10)	1440 RR	15 µm	grey	Zintek 200	Techseal Silver WL4 (10)					Chemical	fasteners	Zink Flake		
Pasquale Cozzolino	F&S	Adwen (former Areva)	MV-00.0-GP.KO.000.999-A	Unvollständig, kommt später	1200 RR		grey	Zintek 200	Techseal Silver WL4 (10)				f1Zn/nc/TL-/1200h/0,06-0,08	chemical				
Pasquale Cozzolino	F&S	Adwen (former Areva)	MV-00.0-GP.KO.000.999-A	Unvollständig, kommt später	1200 RR		grey	Zintek 200	Techseal Silver WL4 (10)				f1Zn/nc/TL-/1200h/0,08-0,10	chemical				
Jean-Louis Baudoin	F&S	GE Power (former Alstom Energy)	HS-CPA03-00000000DEC	Zintek® 200 SL	720 RR	10-20 µm	silver	Zintek 200 SL					f1Znnc-720-L according to ISO 10683	performance				
Jean-Louis Baudoin	F&S	Alstom Transport	DTRF 150 611	Zintek® 200 Techseal® Silver SL Techseal® Silver WL4 Zintek® Top LF	960 RR	10 + 5 µm	silver	Zintek 200	Techseal Silver SL Techseal Silver WL4 Zintek Top LF				Silver	chemical	Other parts			
Jean-Louis Baudoin	F&S	Alstom Transport	DTRF 150 611	Zintek® 200 SL	1560 RR	10 µm	silver	Zintek 200 SL					Silver	chemical	Other parts			
Jean-Louis Baudoin	F&S	Alstom Transport	DTRF 150 611	Zintek® 300 B Zintek® Top Techseal® Black SL Techseal® Black SL F Techseal® Black SL G	960 RR	5 + 1 + 5 µm	black	Zintek 300 B	Zintek Top	Techseal Black SL Techseal Black SL F Techseal Black SL G			Black	chemical	Other parts			
Jean-Louis Baudoin	F&S	Alstom Transport	DTRF 150 611	Zintek® 400 Zintek® Top	600 RR	25 + 1 µm	silver	Zintek 400	Zintek Top				Silver	chemical	Other parts			
Erwin Gaedt	F&S	BMW	GS 90010	Zintek® 200 Zintek® Top	720 RR	15 µm	silver	Zintek 200	Zintek Top				ZNS2	performance	parts without thread			
Stephanie Zhao	ZFC	BOSCH	N/A	Unvollständig, kommt später	600RR	6-16	Silver	Zintek 200										
Oscar Lopez	F&S	BOSCH	0 204 Y82 119	Zintek 200				Zintek 200						performance				
Matteo Damiani	F&S	BREMBO	BDS - 11.22	Zintek® 200 Zintek® Top Zintek® Top L Techseal® Black WL Techseal® Silver WL	240-1000 RR	6-15 µm	silver or black	Zintek 200	Zintek Top Zintek Top L Techseal Black WL Techseal Silver WL				Zinc Flake	chemical	fasteners			
Pasquale Cozzolino	F&S	Brose	590295 Part 1	Unvollständig, kommt später				Zintek 230					Znfi-BC-8-si-240	chemical		inorganic basecoat / also ZINTEK 200 / 30		
Jean-Louis Baudoin	F&S	CBI	0204Y81074	Zintek® 200 Zintek® Top L	480 WR 720 RR	5 µm 10 µm	silver	Zintek 200	Zintek Top L				Silver	chemical				
Stephanie Zhao	F&S	Chang'An	Technical specification of Cr free Zinc flake coatings	Unvollständig, kommt später				Zintek 200	Techseal Black SL 24				Black	chemical	general (including fasteners)	Zinc Flake		
Stephanie Zhao	F&S	Chang'An	Technical specification of Cr free Zinc flake coatings	Unvollständig, kommt später				Zintek 200	Zintek Top LV				Silver	chemical	general (including fasteners)	Zinc Flake		
Matthias Hoch	F&S	Continental	ATE N 106 61.00	Unvollständig, kommt später				Zintek 200					Ob No. 1711	chemical				
Matthias Hoch	F&S	Continental	ATE N 106 61.00	Unvollständig, kommt später				Zintek 200	Techseal Silver				Ob No. 1712	chemical				

Matthias Hoch	F&S	Continental	ATE N 106 61.00	Unvollständig, kommt später			black	Zintek 300	Techseal Black			Ob No. 1713	chemical				
Matthias Hoch	F&S	Continental	ATE N 106 61.00	Unvollständig, kommt später				Zintek 200	Techseal Silver WL			Ob No. 1714	chemical				
Matthias Hoch	F&S	Continental	ATE N 106 61.00	Unvollständig, kommt später			black	Zintek 300	Techseal Black			Ob No. 1715	chemical		Techseal Black WL		
Matthias Hoch	F&S	Continental	ATE N 106 61.00	Unvollständig, kommt später				Zintek 200	Techseal Silver			Ob No. 1716	chemical				
Matthias Hoch	F&S	Continental	ATE N 106 61.00	Unvollständig, kommt später				Zintek 200	Techseal Silver WL			Ob No. 1717	chemical				
Matthias Hoch	F&S	Continental	ATE N 106 61.00	Unvollständig, kommt später				Zintek 200				Ob No. 1721	chemical				
Matthias Hoch	F&S	Continental	ATE N 106 61.00	Unvollständig, kommt später				Zintek 200	Zintek Top			Ob No. 1732	chemical				
Matthias Hoch	F&S	Continental	ATE N 106 61.00	Unvollständig, kommt später				Zintek 200	Zintek Top L			Ob No. 1734	chemical				
Matthias Hoch	F&S	Continental	ATE N 106 61.00	Unvollständig, kommt später			black	Zintek 200 Zintek 300 B	Techseal Black Techseal Silver Zintek Top Zintek Top L				chemical				
Erwin Gaedt	F&S	Daimler	DBL 8440	Zintek® 200 Zintek® Top XT	720 RR	8-15 µm	silver	Zintek 200	Zintec Top XT			.20, .30	performance	Parts manufactured from ferrous materials with inorganic coating (zinc flake coatings)			
Erwin Gaedt	F&S	Daimler	DBL 8440	Zintek® 300 HP Techseal® Black S T	480 RR	8-15 µm	black	Zintek 300 HP	Techseal Black S T			.21, .31	performance	Parts manufactured from ferrous materials with inorganic coating			
Erwin Gaedt	F&S	Daimler	DBL 8457	Tru-Plate Pass 15 Tru-Plate Black 3	720 RR	2 µm	black	Tru-Plate Pass 15	Tru-Plate Black 3			.00	performance	truck rivets			
Erwin Gaedt	F&S	Daimler	DBL 9440	Zintek® 200 Zintek® Top Techseal® Silver	720 RR	8-15 µm	silver	Zintek 200	Zintek Top Techseal Silver			.40	performance				
Erwin Gaedt	F&S	Daimler	DBL 9440	Zintek® 200 Zintek® Top Zintek® Top L Techseal®	720 RR	8-15 µm	silver	Zintek 200	Zintek Top Zintek Top L Techseal			.40	performance	fasteners	coating with including lubricant		
Erwin Gaedt	F&S	Daimler	DBL 9440	Zintek® 300 HP Techseal® Black SL VA Techseal® Black SL T	480 RR	8-15 µm	black	Zintek 300 HP	Techseal Black SL VA Techseal Black SL T			.50	performance	fasteners			
Erwin Gaedt	F&S	Daimler	DBL 9460	Zintek® 200 Zintek® Top LV	720 RR	8-15 µm	silver	Zintek 200	Zintek Top LV			.42 (silver)	performance	fasteners	BOLTS WITH MICRO-ENCAPSULATED LIQUID ADHESIVE		
Andrew Pfeiffer	F&S	Delphi	DX551800	Unvollständig, kommt später				Zintek 200	Techseal Silver WL 14				Performance		CHROMIUM FREE ZINC RICH INORGANIC WITH TOPCOAT		
Matteo Damiani	F&S	FIAT	9.57513	Zintek® 200 Techseal® Silver WL	720 RR	> 8 µm	silver	Zintek 200	Techseal Silver WL			Zinc Flake	chemical	fasteners	CoF 0,12 -0,18		
Matteo Damiani	F&S	FIAT	9.57513	Zintek® 200 Techseal® Silver WL 14	720 RR	> 8 µm	silver	Zintek 200	Techseal Silver WL 14			Zinc Flake	chemical	fasteners	CoF 0,10 -0,16		

Matteo Damiani	F&S	FIAT	9.57513	Zintek® 200 Zintek® Top L	720 RR	> 8 µm	silver	Zintek 200	Zintek Top L			Zinc Flake	chemical	fasteners	CoF 0,10 -0,16		
Matteo Damiani	F&S	FIAT	9.57513	Zintek® 200 Zintek® Top LF	720 RR	> 8 µm	silver	Zintek 200	Zintek Top LF			Zinc Flake	chemical	fasteners	CoF 0,12 -0,18		
Matteo Damiani	F&S	FIAT	9.57513	Zintek® 200 Techseal® Black SL G	720 RR	> 8 µm	black	Zintek 200	Techseal Black SL G			Zinc Flake	chemical	fasteners	CoF 0,10 -0,16		
Matteo Damiani	F&S	FIAT	9.57513	Zintek® 200 Techseal® Black SL F	720 RR	> 8 µm	black	Zintek 200	Techseal Black SL F			Zinc Flake	chemical	fasteners	CoF 0,12 -0,18		
Pascal Poschmann	F&S	GE Wind Energy GmbH	P14A-AL-0218	Zintek® 200 Techseal® Black SL G	720 RR	8-15 µm	black	Zintek 200	Techseal Black SL G				chemical	Fasteners, big bolts, nuts and washers	approved for wind power plant application		
Jean-Louis Baudoin	F&S	GE Power (former Alstom Energy)	HS-CPA03- 00000000EC	Unvollständig, kommt später	720 RR	10	Silver	Zintek 200 SL				fiZnnc-720-L according to ISO 10683					
Pasquale Cozzolino	F&S	General Dynamics ELS	957513	Unvollständig, kommt später				Zintek 200	Techseal Silver SL G				performance				
Brian Glowacki	F&S	General Motors	GMW 3359-A	Zintek® 200 Techseal® Silver SL G	240 WR 720 RR	12-25 µm	silver	Zintek 200	Techseal Silver SLG			Silver	chemical & applicator & performance	fasteners	A,B,C		
Brian Glowacki	F&S	General Motors	GMW 3359-A	Zintek® 300 B Zintek® Top Techseal® Black SLG	240 WR 729 RR	12-25 µm	black	Zintek 300B	Zintek Top Techseal Black SLG			Black	chemical & applicator & performance	fasteners	A,B,C		
Hoseuk Sohn	F&S	Hyundai-Kia	MS 619-08	Zintek 200 Techseal Silver SL	720	6µm plated composite coating	Silver	Zintek 200	Techseal Silver SL			ZINC-ALUMINIUM COMPOSITE COATING HZFC-A	performance		Composite Coating :2C2B Top coat : - Silver Shot blasting is not available		
Hoseuk Sohn	F&S	Hyundai-Kia	MS 619-08	Zintek 200 Techseal Silver SL	1000	6µm plated composite coating	Silver	Zintek 200	Techseal Silver SL			ZINC-ALUMINIUM COMPOSITE COATING HZFC-C	performance		Composite Coating :2C2B Top coat : - Silver Big parts		
Hoseuk Sohn	F&S	Hyundai-Kia	MS 619-08	Zintek 200 Techseal Silver SL	1000	1µm topcoat over 6µm plated composite coating	Silver	Zintek 201	Techseal Silver SL			ZINC-ALUMINIUM COMPOSITE COATING HZFC-D	performance		Composite Coating :2C2B Top coat : 1C1B Silver Bolts, Nuts Brakets		
Hoseuk Sohn	F&S	Hyundai-Kia	MS 619-08	Zintek 200 or 300B Zintek Top Techseal Black SL	1000	3µm topcoat over 6µm plated composite coating	Black	Zintek 200 or 300B	Zintek Top Techseal Black SL			ZINC-ALUMINIUM COMPOSITE COATING HZFC-F	performance		Composite Coating :2C2B Top coat : 2C2B Black Big Parts		
Hoseuk Sohn	F&S	Hyundai-Kia	MS 619-08	Zintek 200 or 300B Zintek Top Techseal Black SL	1000	3µm topcoat over 6µm plated composite coating	Black	Zintek 200 or 300B	Zintek Top Techseal Black SL			ZINC-ALUMINIUM COMPOSITE COATING HZFC-G	performance		Composite Coating :2C2B Top coat : 2C2B Black Bolts, Nuts, Brakets		
Hoseuk Sohn	F&S	Hyundai-Kia	MS 619-08	Zintek 200 Techseal Silver SL	1000	1µm topcoat over 9µm plated composite coating	Silver	Zintek 200	Techseal Black SL			ZINC-ALUMINIUM COMPOSITE COATING HZFC-H	performance		Composite Coating :3C3B Top coat : 1C1B Silver For Sintered ABS tone wheel, no		
Hoseuk Sohn	F&S	Hyundai-Kia	MS 619-08	Zintek 200 Techseal Silver SL	1000	1µm topcoat over 3µm plated composite coating	Silver	Zintek 200	Techseal Black SL			ZINC-ALUMINIUM COMPOSITE COATING HZFC-K	performance		Composite Coating :3C3B Top coat : 1C1B Silver For sintered ABS tone wheel, no		
Erwin Gaedt	F&S	MAN Truck & Bus	MAN 183-3	Unvollständig, kommt später		8 µm		Zintek 200	Techseal Silver S-HT			B7	chemical resistance	fasteners			
Jean-Louis Baudoin	F&S	PSA	B15 3320	Zintek® 200 Zintek® Top LF	1000 RR	10 µm	silver	Zintek 200	Zintek Top LF			ZLV FGL, FGO	chemical	fasteners	Zintek 200		

Jean-Louis Baudoin	F&S	PSA	B15 3320	Zintek® 200 Zintek® Top LF	1000 RR	10 µm	silver	Zintek 200	Zintek Top LF			ZLV FGL, FGO ZLA FGL/FGO	and	chemical	all	Small, Medium and high corrosion resistance		
Jean-Louis Baudoin	F&S	Renault	01-71-002/-R	Zintek® 200 Techseal® Silver WL	600 RR	10 + 2 µm	silver	Zintek 200	Techseal Silver WL			Silver		chemical	fasteners	Lubrication requested		
Pasquale Cozzolino	F&S	Schmitz Cargobull	WZN 3.0.0	Unvollständig, kommt später				Zintek 200	Zintek Top XT									
Jean-Louis Baudoin	F&S	Renault Trucks	01 71 4002	Zintek® 200 Techseal® Silver WL	200 - 600 RR	8 - 10 + 2 µm	silver	Zintek 200	Techseal Silver WL			Silver		chemical	fasteners			
Jean-Louis Baudoin	F&S	Renault Trucks	01 71 4002	Zintek® 200	600 RR	8 µm	silver	Zintek 200				Silver		chemical	Other parts			
Jean-Louis Baudoin	F&S	Schneider Electric	ABD00048	Zintek® 200	120 RR	5 µm	silver	Zintek 200				Silver		chemical				
Jean-Louis Baudoin	F&S	Schneider Electric	ABD00048	Zintek® 200 SL	120 RR	5 µm	silver	Zintek 200 SL				Silver		chemical				
Jean-Louis Baudoin	F&S	Schneider Electric	ABD00048	Zintek® 300 B Zintek® Top Techseal® Black SL 28	120 RR	5 µm	black	Zintek 300 B	Zintek Top	Techseal Black SL 28		Black		chemical				
Pasquale Cozzolino	F&S	Senvion	01.71.4002 / H	Unvollständig, kommt später				Zintek 200, Zintek 400	Techseal Silver SL G					chemical				
Peter Lawin	F&S	Tesla	TM-0010F-M	Unvollständig, kommt später			black	Zintek 300 B	Zintek Top	Techseal SL G				performance	fasteners	follows GMW 3359		
Freddy Hess	F&S	ZF TRW Alford/Germany	TS 2-25-060	Unvollständig, kommt später	depends on "class" A-K	8-10 µm	silver	Zintek 200	Techseal Silver WL			Coated		chemical	seat belt parts	special requirement 96 h 180°C for high strength screws		
Peter Lawin	F&S	VDA	235-102.40	Unvollständig, kommt später				Zintek 200 SL						performance				
Pascal Poschmann	F&S	VW	TL 180	Zintek® 300 HP Techseal® Black SL VA	720 RR	8-20 µm	black	Zintek 300 HP	Techseal Black SL VA			Ofi-t667		chemical	Fasteners	Lubricated version!	black	Zintek 300 HP
Pascal Poschmann	F&S	VW	TL 180	Zintek® 300 HP Techseal® Black S T	720 RR	8-20 µm	black	Zintek 300 HP	Techseal Black S T			Ofi-t660		chemical	Fasteners	Unlubricated version!	black	Zintek 300 HP
Pascal Poschmann	F&S	VW	TL 233	Zintek® 200 Zintek® 300 HP Techseal® Silver SL G Techseal® Black SL T	240 WR 480 RR	6-25 µm 10-25 µm	black	Zintek 200, Zintek 300 HP	Techseal Silver SL G, Techseal Black SL T			Ofi-t330, Ofi-t630		chemical	Fasteners	Lubricated version!	black	Zintek 200, Zintek 300 HP
Pascal Poschmann	F&S	VW	TL 233	Zintek® 200 Zintek® 300 HP Techseal® Silver S G Techseal® Black S T	240 WR 480 RR	6-25 µm 10-25 µm	black	Zintek 200, Zintek 300 HP	Techseal Silver S G, Techseal Black S T			Ofi-t350, Ofi-t650		chemical	Clips, Clamps, Stamping parts	Unlubricated version!	black	Zintek 200, Zintek 300 HP
Pascal Poschmann	F&S	VW	TL 245	Zintek® 200	480 RR	8-20 µm	silver	Zintek 200				Ofi-t601		chemical	Body parts, Chassis areas / parts	Base coating without top coat and without lubricant additive. Zinc flake coating, Cr(VI)-free, suitable for components that are to be painted		
Pascal Poschmann	F&S	VW	TL 245	Zintek® 200 Zintek® Top	720 RR	8-20 µm	silver	Zintek 200	Zintek Top			Ofi-t602		chemical	Engine compartment and chassis areas	Base coating with top coat, without lubricant additive. Zinc flake coating, Cr(VI)-free, silver-gray; use in exposed installation positions, e.g., in the engine compartment and chassis areas.		

Pascal Poschmann	F&S	VW	TL 245	Zintek® 200 Zintek® Top	720 RR	8-20 µm	silver	Zintek 200	Zintek Top				OR-t611	chemical	Spring elements, hotshaped sheets, or high-strength steel components	Like OR-t602, but with lower curing temperature. Consequently, suitable for components that must not be exposed to high temperatures, e.g., spring elements, hotshaped sheets, or high-strength steel
Pascal Poschmann	F&S	VW	TL 245	Zintek® 200 Zintek® Top LV	720 RR	8-20 µm	silver	Zintek 200	Zintek Top LV Zintek-Top-LV				OR-t647	chemical	Fasteners	Base coating with top coat, with lubricant additive. Zinc flake coating, Cr(VI)-free, standard surface protection for threaded parts with metric ISO threads
Matteo Damiani	F&S	IVECO - CNH INDUSTRIAL	18-1101	Zintek 200	300 RR	5 - 8 µm	silver	Zintek 200					Zinc Flake	chemicals	fasteners	RIV/EC 5 CoF 0,10 - 0,30
Matteo Damiani	F&S	IVECO - CNH INDUSTRIAL	18-1101	Zintek 200	800 RR	8 -10 µm	silver	Zintek 200					Zinc Flake	chemicals	fasteners	RIV/EC 8 CoF 0,10 - 0,30
Matteo Damiani	F&S	IVECO - CNH INDUSTRIAL	18-1101	Zintek 200 SL	300 RR	5 - 8 µm	silver	Zintek 200 SL					Zinc Flake	chemicals	fasteners	RIV/EC 5 F CoF 0,12 - 0,18
Matteo Damiani	F&S	IVECO - CNH INDUSTRIAL	18-1101	Zintek 200 SL	800 RR	8 - 10 µm	silver	Zintek 200 SL					Zinc Flake	chemicals	fasteners	RIV/EC 8 F CoF 0,12 - 0,18
Matteo Damiani	F&S	IVECO - CNH INDUSTRIAL	18-1101	Zintek 200 Zintek Top LF	500 RR	6,5 - 12 µm	silver	Zintek 200	Zintek Top LF				Zinc Flake	chemicals	fasteners	RIV/EC 5 PM CoF 0,12 - 0,18
Matteo Damiani	F&S	IVECO - CNH INDUSTRIAL	18-1101	Zintek 200 Zintek Top LF	1000 RR	9,5 - 15 µm	silver	Zintek 200	Zintek Top LF				Zinc Flake	chemicals	fasteners	RIV/EC 8 PM CoF 0,12 - 0,18
Matteo Damiani	F&S	IVECO - CNH INDUSTRIAL	18-1101	Zintek 200 TechSeal Black WF	500 RR	6,5 - 12 µm	black	Zintek 200	TechSeal Black WF				Zinc Flake	chemicals	fasteners	RIV/EC 5 PM Nero CoF 0,12 - 0,18
Matteo Damiani	F&S	IVECO - CNH INDUSTRIAL	18-1101	Zintek 200 TechSeal Black WF	1000 RR	9,5 - 15 µm	black	Zintek 200	TechSeal Black WF				Zinc Flake	chemicals	fasteners	RIV/EC 8 PM Nero CoF 0,12 - 0,18
Matteo Damiani	F&S	IVECO - CNH INDUSTRIAL	18-1101	Zintek 200 TechSeal Black WL 14	500 RR	6,5 - 12 µm	black	Zintek 200	TechSeal Black WL14				Zinc Flake	chemicals	fasteners	RIV/EC 5 PL Nero CoF 0,10 - 0,16
Matteo Damiani	F&S	IVECO - CNH INDUSTRIAL	18-1101	Zintek 200 TechSeal Black WL 14	1000 RR	9,5 - 15 µm	black	Zintek 200	TechSeal Black WL14				Zinc Flake	chemicals	fasteners	RIV/EC 8 PL Nero CoF 0,10 - 0,16