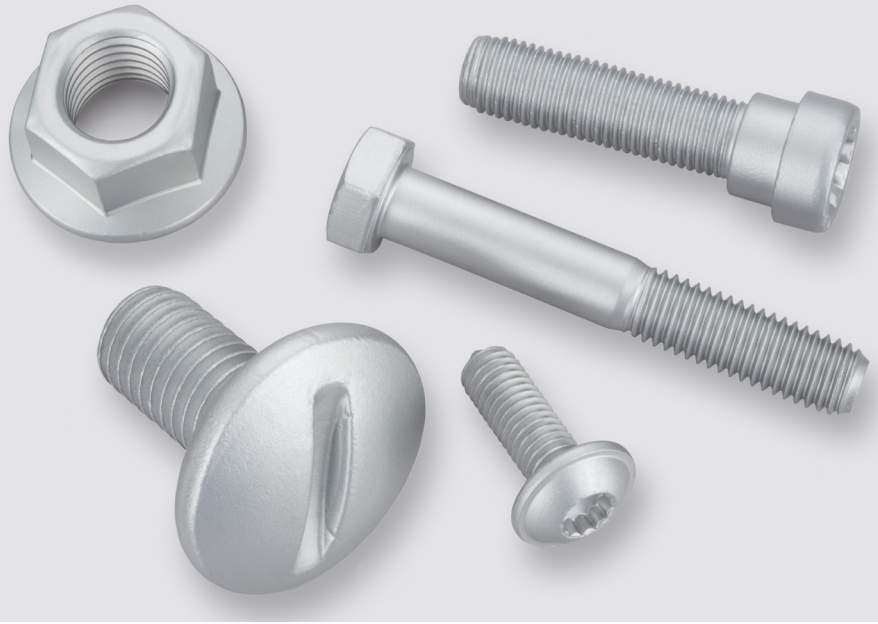
Zintek® 200 XT

Zinc flake basecoat

General Metal Finishing | Zinc flake coatings | atotech.com



non-PFAS

The neXT level basecoat

Premium silver basecoat with high cathodic corrosion resistance

For a premium silver zinc flake basecoat that maintains a shiny, bright, and attractive silver color, turn to MKS' Atotech Zintek 200 XT. The basecoat provides superb adhesion and is not prone to hydrogen embrittlement. When combined with MKS' Atotech topcoats, Zintek 200 XT offers outstanding cathodic corrosion protection and staves off white rust formation. The base-coat also demonstrates exceptional performance in Neutral Salt Spray Testing (NSST) as well as in Cyclic Corrosion Testing (CCT).

Corrosion resistance

Basecoat	Topcoat	Durability
8 µm	–	>1,700 h*
8 µm	–	6 cycles**
10 µm	–	>2,000 h*

Corrosion resistance acc. to *ISO 9227 / **Ford L-467 and layer thickness may vary depending on part geometry, substrate and application method.

Features and benefits

- Inorganic premium silver zinc flake basecoat
- Outstanding cathodic corrosion protection
- Exceptional performance in NSST and Cyclic Corrosion Testing (CCT)
- Excellent delay in white rust formation
- High color stability
- Very good adhesion
- Attractive silver appearance
- No hydrogen embrittlement
- Free of harmful heavy metals such as Cr(VI), cadmium, cobalt, lead or nickel; non-PFAS version available
- Combinable with MKS' Atotech topcoats

mks | Atotech

Zintek 200 XT
Silver inorganic basecoat

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Application

- Dip-spin
- Rack-spin
- Spray

Top coat combinations

- With inorganic Zintek® Top
- With organic Techseal®
- With organic Techdip®

Parts (application)

- Fasteners
- Chassis parts
- Stamping parts
- Brake components
- Springs
- Clips

Application parameters

- Application viscosity: 40 – 50 sec
- Curing time: 15 – 45 min
- Curing temperature: 220 – 260 °C
- Recommended 30 min at 250 °C object temperature

Coefficient of friction

- No defined coefficient of friction (μ_{tot})

Technical data

- Delivery density: 1.40 – 1.55 g/cm³ (at 23 °C)
- Stability in sealed drums: 24 months
- Theoretical coverage rate: 25 m²/kg (based on 8 µm dry film)

Corrosion performance (8 µm layer thickness)



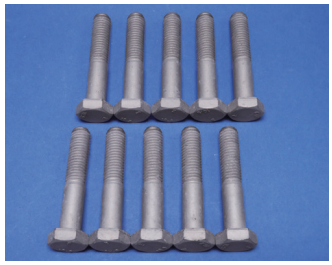
Start



>1,800 h*



Start



6 cycles**