

# Zintek<sup>®</sup> 200

## Zinc flake base coat



General Metal Finishing

Zinc flake technology

atotech.com



## The allrounder base coat

### Standard, but superior

MKS' Atotech premium silver base coat Zintek<sup>®</sup> 200 provides excellent corrosion protection with top-notch adhesion and coverage properties. A conductive zinc aluminum layer formed during baking protects the substrate from corrosion. Depending on the application and part geometry, two layers of Zintek<sup>®</sup> 200 (~8µm) can endure over 1,000 hours without corroding in Neutral Salt Spray Testing (ISO 9227). Excellent adhesion combined with high impact resistance allows the coating to remain uniform even under heavy mechanical stress.

### Corrosion resistance

Base coat	Top coat	Durability
8 µm	0 µm	720 h*
10 µm	0 µm	1,000 h*
15 µm	0 µm	1,500 h*

Corrosion resistance acc. to \*ISO 9227 and layer thickness may vary depending on part geometry, substrate and application method.

### Features and benefits

- Inorganic silver premium zinc flake base coat
- Excellent cathodic corrosion protection
- Very good adhesion
- Attractive silver appearance
- Solvent-based
- No hydrogen embrittlement
- Free of harmful heavy metals such as Cr(VI), cadmium, cobalt, lead or nickel
- Combinable with Atotech's top coats
- Approved for e.g. Volkswagen TL245, Mercedes-Benz MBN10544 and General Motors GMW3359

# Zintek<sup>®</sup> 200

## Silver inorganic base coat

### Application

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- Dip-spin
- Spray

### Parts (application)

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

### Coefficient of friction

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- No defined coefficient of friction ( $\mu_{tot}$ )

### Corrosion performance



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### Combinations

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- Combinable with inorganic Zintek<sup>®</sup> Top
- Combinable with organic Techseal<sup>®</sup>
- Combinable with organic Techdip<sup>®</sup>

### Application parameters

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- Application viscosity: 40 – 50 sec
- Curing time: 15 – 45 min
- Curing temperature: 210 – 240 °C
- Recommended 25 min at 230 °C object temperature

### Technical data

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- Delivery density: 1.40 – 1.55 g/cm<sup>3</sup> (at 23 °C)
- Stability in sealed drums: 24 months
- Theoretical coverage rate: 20 m<sup>2</sup>/kg (based on 10 µm dry film)



1,000 h\*

