

# Techseal® Silver SL F

## Zinc flake top coat



General Metal Finishing

Zinc flake technology

atotech.com



## Silver top coat combining best protection with chemical resistance

### The lubricated silver top coat without any stick-slip effect

Techseal® Silver SL F is a favorite among MKS' Atotech top coats, thanks to its integrated lubrication for controlled friction properties. Despite the lubrication, Techseal® Silver SL F has not demonstrated any stick-slip effect. The solvent-based, organic silver top coat provides very good chemical and solvent resistance and excellent corrosion protection. Techseal® Silver SL F, with its outstanding adhesion and attractive, uniform appearance, can be applied on zinc flake base coats as well as electroplated zinc and zinc alloys.

### Corrosion resistance

Base coat	Top coat	Durability
8 µm	4 µm	1,000 h*
10 µm	4 µm	1,500 h*
15 µm	4 µm	2,000 h*

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

### Features and benefits

- Organic silver top coat
- Excellent corrosion protection
- Very good adhesion
- Attractive uniform appearance
- Solvent-based
- Very good chemical resistance
- Integrated lubricant for controlled friction properties
- No stick-slip effect
- Also applicable on electroplated and passivated finishes

# Techseal<sup>®</sup> Silver SL F

## Silver organic top coat

### Application

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- Dip-spin
- Rack-spin
- Spray

### Parts (application)

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- Fasteners
- Chassis parts
- Stamping parts
- Springs
- Clips

### Coefficient of friction

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- 0.12 – 0.18 ( $\mu_{tot}$ ) acc. to Renault

### Corrosion performance



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### Combinations

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- Combinable with Zintek<sup>®</sup> base coats
- Combinable with electroplated and passivated finishes

### Application parameters

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- Application viscosity: 35 – 50 sec
- Curing time: 15 – 40 min
- Curing temperature: 180 – 220 °C
- Recommended 30 min at 210 °C object temperature

### Technical data

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- Delivery density: 1.02 – 1.12 g/cm<sup>3</sup> (at 23 °C)
- Stability in sealed drums: 24 months
- Theoretical coverage rate: 90 m<sup>2</sup>/kg (based on 3 µm dry film)



1,008 h\*

