



# BASECOAT

## DÖRKEN® BASE 105

### Product description

**DÖRKEN® BASE 105 - the PFAS-free generation of our zinc flake basecoat for reliable corrosion protection.**

The silver surface protects the base metal even with a typical dry film thickness of 6 - 12 µm. DÖRKEN® BASE 105 is the only product in this category with a defined coefficient of friction window of  $\mu_{\text{tot}} = 0.12 - 0.18$ . It is suitable for use on steel, high-strength steels and passivated zinc and zinc alloy coatings.

Additional functional properties - such as resistance to operating fluids - can be achieved through the targeted use of topcoats from the DÖRKEN® TOP and DÖRKEN® SEAL series.

### Characteristics

- >> inorganic
- >> solvent-based

#### Corrosion resistance

- >> Meets the salt spray test ISO 9227-NSS as required in ISO 10683 and DIN EN 13858

#### Defined coefficient of friction window

- >>  $\mu_{\text{tot}} = 0.12-0.18$  (according to ISO 16047, measured on M8x55 screw and HH washer). The coefficients of friction depend on the substrate, the geometry of the parts and the type of application process

### Application

The appropriate application method usually depends on the geometry of the component. Recommended is:

- >> dip-spin
- >> dip-drain
- >> spray

### Legal conditions

- >> Meets the EU End-of-Life Vehicle Directive 2000/53/EC
- >> Meets the RoHS 2 guidelines (also known as EU Directive 'Waste Electrical and Electronic Equipment Directive' 2002/95/EC)
- >> Meets the REACH requirements