

GET
READY
PFAS-FREE

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 friction coefficient window of $\mu_{tot} = 0.12 - 0.18$. 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 friction coefficient window

- >> $\mu_{tot} = 0.12-0.18$ (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

INDUSTRIAL COATINGS

Dörken Coatings GmbH & Co. KG
Wetterstr. 58 · 58313 Herdecke
Tel.: +49 2330 63 243 · Fax.: +49 2330 63 100 243
coatings@doerken.de · www.doerkencoatings.de