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PFAS-FREE

TOPCOAT

DÖRKEN®

TOP 500 BLACK

Product description

DÖRKEN® TOP 500 BLACK - the PFAS-free high-performance topcoat with integrated lubricant for optimum surface protection and improved performance.

Thanks to its outstanding tribological properties, DÖRKEN® TOP 500 BLACK ensures a stable and controlled coefficient of friction in the range of $\mu_{tot} = 0.08-0.14$. The specially developed formula increases the corrosion resistance of zinc flake coatings, stainless steel, die-cast zinc and passivated zinc and zinc alloy coatings - with a dry film thickness of approx. 6-12 μm .

The black appearance gives the surface a high-quality finish.

Characteristics

- >> water-based
- >> Hybrid topcoat

Media resistance

- >> Fulfills chemical resistance to operating fluids in accordance with ISO 2812

Defined friction coefficient window

- >> $\mu_{tot} = 0.08-0.14$ (according to ISO 16047, measured on DÖRKEN® BASE 120 coated M10x60 bolt 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
- >> 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

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