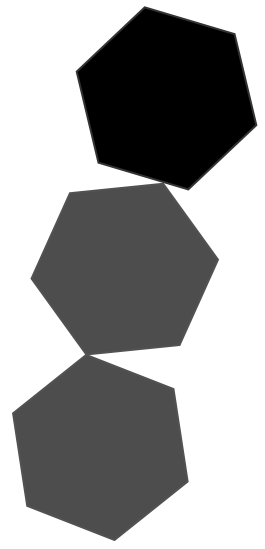


GEOMET[®] 430

GEOMET[®] 430 enhances GEOBLACK[®] combinations

GEOMET[®] 430 is a black appearance basecoat applied to protect fasteners and various types of metallic parts from corrosion. GEOMET[®] 430 is always combined with black **performingtopcoats[®]** (PLUS[®] or GEOKOTE[®]) to provide a very broad range of friction coefficients.

These new black-on-black GEOBLACK[®] systems enhance cosmetic appearance even after shocks, automatic sorting... [Please, view all GEOBLACK[®] systems](#)



Characteristics and Performance

- Thin dry-film, non-electrolytic
- Water-based chemistry
- No hydrogen embrittlement
- Passivated zinc flakes in a binder, patented chemistry
- Coefficient of friction can be adjusted to targeted values ranging from 0.06 to 0.20 (ISO 16047) with NOF METAL COATINGS GROUP's selected **performingtopcoats[®]**.
- **Always used with black performingtopcoats[®]** (PLUS[®] or GEOKOTE[®])
- Excellent assembly and multi-tightening behavior with lubricated topcoats: conform to VW 01129 and 01131
- Good chemical resistance with topcoat (VDA 621-412)
- Performance maintained at elevated temperature (up to 300°C)
- Electrical conductivity for most application processes
- Bimetallic compatibility with aluminium
- Paintable coating

High resistance to corrosion

2-coat basecoat + 1-coat topcoat (> 28g/m² + > 6 g/m²):

Salt Spray Test (ISO 9227/ASTM B117)

> 240 hours without white rust

> 1000 hours without red rust

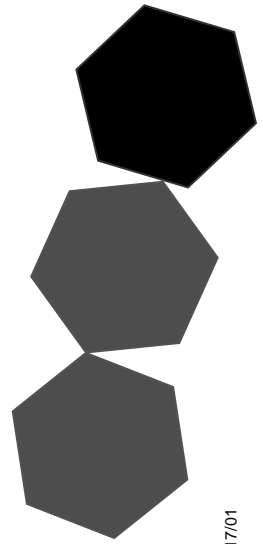
Cyclic tests (STD 423 0014)

> 6 cycles ACT

Results may vary depending on substrate, geometry of parts, type of application processes.

GEOMET[®] 430

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Application process

GEOMET[®] 430 can be applied by Dip-Spin, Dip-Drain-Spin, using bulk or rack.

Health and Safety

- Aqueous dispersion
- Complies with REACH
- Complies with the 2000/53/CE and 2002/95/CE directives

Main worldwide specifications

For GEOBLACK[®] systems with GEOMET[®] 430 basecoat

- PALFINGER (01.06.01)
- PSA (B153320 / D241312)
- VOLKSWAGEN (VW TL 180 / VW TL 233)

International standards

ISO 10683 - Fasteners: non-electrolytically applied zinc-flake coatings

EN 13858 - Non-electrolytically applied zinc-flake coatings on iron or steel parts

ASTM F1136 / F1136 M - Zinc/Aluminum Corrosion Protective Coatings for Fasteners



GEOMET[®] 430 basecoat + black topcoat