

GEOBLACK®



When anticorrosion becomes a design requirement



GEOBLACK® combines the performance of GEOMET® basecoats with the benefit of a black topcoat. PLUS® Black and GEOKOTE® Black product ranges offer many possibilities to meet your requirements.

- Combination of a GEOMET®: 321, 500 or 720 basecoat and a black topcoat
- Thin dry-film, non-electrolytic
- Water-based chemistry
- Chrome free alternative to DACROBLACK®
- Even, consistent black color

Characteristics and performance*

- Coefficient of friction adapted to your specific requirements: 0.13 ± 0.03 or 0.15 ± 0.03 (Please contact us as other ranges are available)
- No hydrogen embrittlement
- High corrosion resistance (up to 1000 hrs Salt Spray Test)
- Strong resistance to chemical attack (depending on the configuration). No coating damage when in contact with automotive fluids including brake fluids and wheel cleaning solutions



Systems approved for fasteners

- GEOBLACK® 500M: GEOMET® 500 + PLUS® Black 500 M
This system is approved by VOLVO
- GEOBLACK® ML: GEOMET 321 + PLUS® ML Black
This system is approved by IVECO, FIAT, FORD, DAIMLER, CHRYSLER & GM. It is used in many other applications in automotive and non-automotive industries.

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



**NOF METAL COATINGS
GROUP**



GEOBLACK®

Application process

GEOBLACK® can be applied by Dip-Spin, Spray, 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

- CHRYSLER (PS-5873 BLACK)
- FIAT (9.57513)
- FORD (WSS-M21P39-A3, WSS-M21P49-A3)
- GM (GMW 3359)
- JAGUAR CARS & LAND ROVER (ST JLR.50.5050)
- JOHN DEERE (JDM F13)
- INTERNATIONAL TRUCK (TMS 4520)
- IVECO (18-1101)
- VOLVO Cars (VCS5737,19)
- VOLVO Trucks (STD 121-0003)
- BOSCH (0 204 Y81 074 Code G finition 6)
- SCHNEIDER Electric (ABD 00050)

International standards

EN 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

