GEOMET® 500 is applied to fasteners and many type of metallic parts to protect from corrosion, and it is used in many industries.

- Thin dry-film, non-electrolytic, self-lubricated
- Water-based chemistry
- Passivated zinc and aluminium flakes in a binder, patented chemistry
- Chrome free alternative to DACROMET® 500
- Metallic silver appearance

**Characteristics and performance**

- Coefficient of friction: 0,15 ± 0,03 (ISO 16047)
- No topcoat required
- No hydrogen embrittlement
- Excellent assembly and multi-tightening behavior
- Good mechanical damage (test method D24 1312, USCAR 32) and chemical resistance to VDA 621-412) test
- Performance maintained at elevated temperatures (up to 300°C)
- Paintable coating
- Electrical conductivity for most application
- Bimetallic compatibility with aluminum
- Application cost savings

**High corrosion resistance**

<table>
<thead>
<tr>
<th>Coating Weight</th>
<th>Salt Spray Test (ISO 9227 / ASTM B117)</th>
<th>Cyclic Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade A</td>
<td>&gt; 24 g/m²</td>
<td>&gt; 240 hours without white rust</td>
</tr>
<tr>
<td>Grade B</td>
<td>&gt; 36 g/m²</td>
<td>&gt; 240 hours without white rust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 1000 hours without red rust</td>
</tr>
</tbody>
</table>

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

GEOMET® 500 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 2011/65/EU and (EU) 2015/863 directives

Among our worldwide specifications

- PEUGEOT / CITROËN (B 15 3320)
- FIAT (Capitolato 9.57513)
- FORD (S447 & S448)
- INTERNATIONAL TRUCK (TMS 4523)
- IVECO (18-1101)
- JAGUAR CARS & LAND ROVER (ST JLR.50.5050)
- SCHNEIDER ELECTRIC (ABD 00048)
- SNCF / RATP (ST001-01)
- BOSCH (0 204 Y81 074 Code H)
- JOHN DEERE (LaN 930-11.4)

International standards

EN ISO 10683 - Fasteners: non-electrolytic zinc flake coatings
EN 13858 - non-electrolytic zinc flake coatings on iron and steel parts
ASTM F1136 / F1136 M - Zinc/Aluminum Corrosion Protective Coatings for Fasteners