

DELTA-PROTEKT® KL 105

high-performance system with integrated lubricant, coefficient of friction (μ_{tot}): 0,12 - 0,18

Product description:

DELTA-PROTEKT® KL 105 is a zinc flake basecoat. This basecoat provides highly effective anti-corrosion protection with a relatively thin coating. Like all DELTA-MKS® products, DELTA-PROTEKT® KL 105 is free of any harmful heavy metals, such as Cr-(VI), and conforms to EU guidelines relating to the End-of-Life Vehicle Directive (2000/53/EC) and the Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (2002/95/EC). No hydrogen embrittlement occurs in the application of DELTA-PROTEKT® KL 105. As appropriate, the coating process can be carried out jigged or in bulk.

Corrosions resistance*:

Basecoat	Topcoat	Time
8 μm	0 μm	720h
10 μm	0 μm	1000h

* according to DIN EN ISO 9227 (depending upon the build-up of coats, geometry and type of application)

Coefficient of friction:

- Coefficient of friction (μ_{tot}): 0,12-0,18 (accord. Renault 01-50-005/-D)

Features:

- Suitable for rack and bulk parts
- Conforms EU End-of-Life Vehicle Directive 2000/53/EC
- Conforms EU Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment 2002/95/EC
- No hydrogen embrittlement due to application process

Special Features:

- Cathodic protection by sacrificial corrosion of zinc
- Non-electrolytically applied zinc flake coating
- Inorganic
- Colour: silver
- Curing temperature between 190°C and 235°C object temperature
- Temperature stable 96h/180°C (VDA 235-104)
- Integrated lubricant
- Solvent-based
- Dry film thickness: 4-15 μm
- Optimised white rust resistance
- Optimised adhesion
- Optimised abrasion resistance

Application:

- Dip-Spin
- Dip-Drain
- Spraying
- Spincoating

The details stated in this product sheet are based upon our current knowledge and experience. They do not release the user from the testing that is inevitable, given the diversity of possible influences in the processing and application of our products. Any legal guarantee of specific properties of suitability for any concrete operational purpose may not be assumed from the information provided. 26.09.2012

Parts:



Big Parts



Chassis



Braking systems



Springs



Small fasteners



Big fasteners



Nuts



Stamp parts



Clips, clamps



Die-casting



recommended



Partly recommended

Specification:

- Fiat - 9.57513 / RIV / EC 5 F
- Hyundai - MS 619-08 / Class4 (HZFC-D)
- Iveco - 18-1101 / A34
- Iveco - 18-1101 / A35
- Iveco - 18-1101 / A36
- Iveco - 18-1101 / A37
- Liebherr - LH 10021432 -006