

## DELTA-PROTEKT® KL 100

highly effective anti-corrosion protection

### Product description:

DELTA-PROTEKT® KL 100 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 100 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 100. As appropriate, the coating process can be carried out jigged or in bulk.

### Corrosion resistance\*:

Basecoat	Topcoat	Time
8 µm	0 µm	720h
10 µm	0 µm	960h
15 µm	0 µm	1504h

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

### Coefficient of friction:

- Coefficient of friction ( $\mu_{tot}$ ): without defined coefficient of friction

### Features:

- suitable for rack and/or 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 acc. to DIN EN ISO 10683 und DIN ES ISO 13858
- inorganic
- dry film thickness: 4-15 µm
- Colour: silver
- Curing temperature with max 260°C object temperature
- temperature stable up to 260 °C with topcoat DELTA-PROTEKT® VH 302 GZ (Ford S442)
- solvent-based
- available worldwide
- even layer construction

### Application:

- Dip-Spin
- Dip-Drain
- Spraying
- Spin-Coating

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**Parts:**



**Big Parts**



**Chassis**



**Braking systems**



**Springs**



**Small fasteners**



**Big fasteners**



**Nuts**



**Stamp parts**



**Clips, clamps**



**Die-casting**



recommended



Partly recommended

**Specification:**

- Bombardier (Rotax-BRP) - RON 444
- Bosch - 800 00/ 3+4 / N67F827 44
- Caterpillar - 1E1675 / 1E1675G
- Chrysler - PS 10633
- Chrysler - PS 10633
- Continental Teves - ATE N 106 61 / Nr. 1631
- Continental Teves - ATE N 106 61 / Nr. 1633
- Continental Teves - ATE N 106 61 / Nr. 1634
- Continental Teves - ATE N 106 61 / Nr. 1635
- Continental Teves - ATE N 106 61 / Nr. 1636
- Continental Teves - ATE N 106 61 / Nr. 1641
- Continental Teves - ATE N 106 61 / Nr. 1642
- Continental Teves - ATE N 106 61 / Nr. 1644
- Daimler - DBL 8440 / .20
- Daimler - DBL 8440 / .20
- Daimler - DBL 8440 / .20
- Daimler - DBL 8440 / .22
- Daimler - DBL 8440 / .30
- Daimler - DBL 8440 / .30
- Daimler - DBL 8440 / .30
- Daimler - DBL 8440 / .30
- Daimler - DBL 8440 / .40
- Daimler - DBL 8440 / .40
- Daimler - DBL 8440 / .43
- Daimler - DBL 9440 / .50
- Daimler - DBL 9441 / .40
- Daimler - DBL 9441 / .40
- DELPHI - DX551800 / DX551801
- DELPHI - DX551800 / DX551803
- DELPHI - DX551500 / DX551544
- Deutsche Bahn - Mobility Networks Logistics
- Deutz - LV 0161 0144 / A
- Deutz - LV 0161 0144 / B
- Deutz - LV 0161 0144 / C
- Iveco - 18-1101 / A33
- Jaguar Landrover - STJLR.60.5020.X100 / SJ07
- Jaguar Landrover - STJLR.60.5020.X100 / SJ42
- Jaguar Landrover - STJLR.50.5045 / A1
- Jaguar Landrover - STJLR.50.5045 / A2
- Jaguar Landrover - STJLR.50.5045 / A3
- Kamax - KN-5506 / 8
- Kamax - KN-5506 / 10
- Kamax - KN-5506 / 11
- Kamax - KN-5506 / 12
- Kamax - KN-5506 / 13
- Kamax - KN-5506 / 14
- Kässbohrer - KGN 202.20
- Kässbohrer - KGN 202.20
- Kenersys - KSY\_SPC\_bolt
- Knorr-Bremse - N12005, P22
- Mahindra - G00 0056
- Mahindra - G00 0056
- Mahindra - G00 0056
- Mahindra - G00 0056
- Mahindra - G00 0056
- MAN - 183-3 / B1
- Messier-Bugatti - IFC 40-863-02 / Type I
- Messier-Bugatti - IFC 40-863-02 / Type II
- Moeller - KT 65.15.256
- Navistar - / Type I (>M6 | clips & external threads)
- Porsche - VW96075 (PN 11011) / 26 c 0
- Porsche - VW96075 (PN 11011) / 26 c 1
- PSA - B153320 / ZLV SGO
- PSA - B153320 / ZLV MGL
- PSA - B153320 / ZLV MGO
- PSA - B153320 / ZLV FGL
- PSA - B153320 / ZLV FGO

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- Ford - WSS-M21P42 / A1
- Ford - WSS-M21P42 / A2
- Ford - WSS-M21P42 / A3 ( S442 )
- Ford - WSS-M2P170-B2 / A1
- GM - GME 00255 / B
- GM - GME 00255 / C
- GM - GME 00255 / C
- GM - GME 00255 / F
- GM - GME 00255 / F
- GM - GMW 3359 / A silber
- GM - GMW 3359 / B silber
- GM - GMW 3359 / C silber
- GM - GMW 3359 / A schwarz
- GM - GMW 3359 / B schwarz
- GM - GMW 3359 / C schwarz
- Hyundai Rotem - RS 60101
- Hyundai Rotem - RS 60101
- Hyundai-Kia - MS 611-14 / Type I
- Hyundai-Kia - MS 611-14 / Type II
- Hyundai-Kia - MS 611-14 / Type III
- Hyundai-Kia - MS 619-08 / Class7 (HZFC-G) stamping parts
- Hyundai-Kia - MS 619-08 / Class4 (HZFC-D)
- Hyundai-Kia - MS 619-08 / Class4 (HZFC-D)
- Hyundai-Kia - MS 619-08 / Class4 (HZFC-D)
- Iveco - 18-1101 / A22
- Iveco - 18-1101 / A23
- Iveco - 18-1101 / A26
- Iveco - 18-1101 / A27
- Iveco - 18-1101 / A28
- Iveco - 18-1101 / A29
- Iveco - 18-1101 / A30
- Renault - 01-71-002/--R / S3
- Renault Truck - 01.71.4002/I / SYZ (fastener)
- ROTAX - BRP - RON 444
- Rover - MGR ES.21.ZS.05 / 240 ( Class A )
- Rover - MGR ES.21.ZS.05 / 480 ( Class B )
- Scania - STD4165 / C3
- Scania - STD4165 / D3
- Siemens Mobility - Version D / flZnnc
- Siemens Mobility - Version D / Fe/pflZn16/nc/T2
- Siemens Mobility - Version D / Fe/pflZn16/nc/T2
- Siemens Mobility - Version D / Fe/pflZn14/nc/T2
- Toyota Engineering - A80-84321 / A
- VDA - 235-103 / .40
- VDA - 235-104 / .42
- VDA - 235-104 / .50
- VDA - 235-103 / .55
- VDA - 235-104 / .40
- Volvo - STD 5752,53 / Y 530-2B
- Volvo - STD 5752,53 / Y 530-3
- Volvo CC - VCS 5737,19 / Y 100-4
- Volvo CC - VCS 5737,29 / Y 200-4
- Volvo CC - VCS 5737,39 / Y 100-4
- VW - TL 245 / OfI-t602
- VW - TL 245 / OfI-t611
- VW - TL 245 / OfI-t647 (mit Gewinde/with thread)
- VW - TL 245 / OfI-t647 (ohne Gewinde/without thread)
- WABCO - JED 378 / -3
- WABCO - JED 378 / -4
- Würth - WIS-LV-003 / ZFSH
- Würth - WIS-LV-003 / ZFSHL (< M6)
- Würth - WIS-LV-003 / ZFSHL (? M6)
- Yale - 402032