

Costs ↑

DELTA-PROTEKT® KL 105

Standard system

DELTA-PROTEKT® KL 105

Product description	Solvent-based basecoat with integrated lubricant
Free of heavy metals, EU 2000/53/EC	✓ (free of nickel, cadmium, lead, chromium, mercury, molybdenum)
Cathodic corrosion protection SST (red rust)*	2 layers of 6-8µm: >720h 3 layers of 8-10µm: > 1000h
Friction coefficient, DIN EN ISO 16047*	µ _{tot} 0.15 (average)
Resistance to loosening under temperature, VDA 235/203	✓
Retightening	✓
Chemical resistance	+
Curing temperature	230 – 250°C
Temperature resistance, VDA 235-104	200°C

* Dependent on shape and build-up of layers

Handling costs are becoming increasingly important, especially to coating small items. Anyone able to save a layer while being on the safe side in technical terms is often able to secure for themselves a telling competitive advantage.

With the new DELTA PROTEKT® KL 105 zinc flake system for screws and other fasteners the lubricant is integral. Any additional seal to control the friction coefficient is therefore unnecessary.

In other words: Reliable anti-corrosion protection and minimal variation in

friction levels using just one product in two layers.

For the coating process that means no laborious change of materials, no additional handling costs, no complicated equipment management and thus no loss of time, plus lower costs.

As DELTA-PROTEKT® KL 105 is ready for immediate use and remains stable in storage for a long time, the material can be easily integrated, right away, into existing processes. That means no long-winded lead times and thus

greater flexibility in scheduling work. The coating is applied in two stages using dip-spin method and is subsequently cured at a temperature of around 240°C. You should have no need to do anything else!

Dörken MKS-Systeme GmbH & Co. KG
Wetterstr. 58
58313 Herdecke, Germany
Phone: +49 (0)2330/63-243
Fax: +49 (0)2330/63-354
Email: mks@doerken.com
www.doerken-mks.com

The information in this technical leaflet is based on our knowledge and experience at the time of preparation. Because of the many possible effects when processing or using our products, the information in this brochure does not exempt the user from carrying out tests and trials. Any legal assurance of certain qualities or suitability for an actual purpose cannot be inferred from any information we supply.