DELTA-PROTEKT® VH 353 GZ

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DELTA-PROTEKT® VH 353 GZ is a topcoat for an electroplated substrates. In the system zinc + topcoat it is responsible for multifunctional characteristics such as a defined coefficient of friction window, resistance to media, colouring etc. The DELTA-PROTEKT® VH 353 GZ is applied via a non-electrolytic application technique directly onto the substrate (part). The zinc flake technique is described in the standards DIN EN ISO 10683 and DIN EN ISO 13858. The application technology can vary according to the dimension and weight of the part; e.g. small parts are usually coated as dip-spin, bigger parts are usually spray coated. All Dörken MKS products have always been free of harmful heavy metals such as chromium VI. As there is no hydrogen involved during the application process, there is no danger of application-related hydrogen-induced stress corrosion cracking.

CATEGORY



VH-Topcoat

Dörken Coatings NA, 11200 Cedar Knoll Drive, PO Box 429, Grass Lake, Michigan 49240, U.S.A.
Phone: +1 517 522 4600, Email: info@doerkenusa.com, Web: www.doerkenusa.com

REQUIREMENTS

Corrosion resistance

- enhances the corrosion protection of the basecoat

Special features

- inorganic
- water-based
- integrated lubricant
- gaugeability

Defined coefficient of friction window

- µtot = 0,12-0,18 (Renault 01-50-005/D & Volvo VCS 5737)

Media resistance

- fulfils chemical resistance against operating fluids according to DIN EN ISO 2812

Resistance against

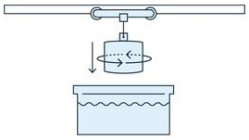
- Corrosion resistance
- Media resistance
- Defined coefficient of friction window

Surface / Substrate

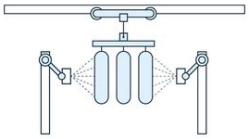
- zinc flake basecoat
- extreme thin layers of 1-3 µm possible
- Even layer construction possible.
- The technical feasibility depends on pretreatment and individual characteristics of each material.

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Application technology



dip-spin



spray

Legal conditions

- meets the EU End-of-Life Vehicle Directive 2000/53/EC
- meets the RoHS 2 guidelines (also known as EU Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment 2002/95/EC)
- meets the REACh requirements

Contact Person

- Emre Kocak

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SELECTION OF SUITABLE PARTS

Advised parts



Washers



Big parts



Metrical threaded bolts >M16



Metrical threaded bolts M2-M16



Non metrical threaded parts



Clips



Stamped parts



Nuts

SPECIFICATIONS

Ford Motor Company - WSS-M21P46 [S443]

Volkswagen - TL 217

Jaguar Land Rover - STJLR.60.5020.X100

Volkswagen - TL 244

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