DELTA-PROTEKT® VT 600

Article number: 08405600

DELTA-PROTEKT® VT 600 is a topcoat. The topcoat provides the suitable sealing with mulitfunctional properties for all DELTA-MKS® basecoats which guarantee good corrosion protection.Like all DELTA-MKS® products, the DELTA-PROTEKT® VT 600 is free of 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® VT 600. The coating process can be carried out jigged or in bulk.

CATEGORY



Sliding lacquer

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

- delays galvanic corrosion
- enhances the corrosion protection of the basecoat

Special features

- organic
- solvent-based
- integrated lubricant
- gaugeability

Weathering resistance

- fulfils the requirements of natural outdoor exposure according to DIN EN ISO 12944-2

Defined coefficient of friction window

- µtot = 0,06-0,09 (on zinc flake basecoat)
- prevents stick-slip effects as according to VDA 235-203

Media resistance

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

Adhesion

- fulfils the requirements of the multi-impact testing (determination of stone-chip resistance) acc. to DIN EN ISO 20567-1.
- fulfils the requirements of the abrasioin resistance simulation according to the DSV guideline Schuett- und Transportvorgaenge (Bulk and Transport Processes).

Resistance against

- Corrosion resistance
- Media resistance
- Weathering resistance

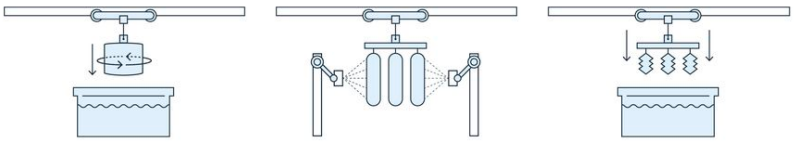
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- Resistance against mechanical influence
- Defined coefficient of friction window

Surface / Substrate

- zinc flake basecoat
- steel
- stainless steel
- zinc die cast
- aluminum die cast
- passivated zinc/zinc alloys
- Phosphat
- typical dry film thickness of 4-20 µm
- Even layer construction possible.
- The technical feasibility depends on pretreatment and individual characteristics of each material.

Application technology



dip-spin spray dip-drain

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

- Thorsten Speck

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SELECTION OF SUITABLE PARTS

Advised parts



Panels | Clips | Stamped parts | Brake parts | Springs

Suitable parts



Washers | Panels | Pipes and tubes | Rivets

SPECIFICATIONS

ASTM - F3393

Autoliv - Teilefreigabe / parts specification

Brose - BN590295-109

TRW - Teilefreigabe / parts specification

Abus - Teilefreigabe / parts specification

Brose - Teilefreigabe / Parts specification

ISO - ISO/EN 10683

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