

DELTA-eLACK® 800

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DELTA-eLACK® 800 is a KTL-topcoat for a zinc flake basecoat, phosphate or other metallic substrates. The DELTA-eLACK® 800 is, within the coating system, responsible for multifunctional characteristics such as a defined coefficient of friction window, resistance to media, colouring etc. The DELTA-eLACK® 800 is applied via an electrolytic application technique directly onto the basecoat or onto an untreated substrate (part). The application technique is described in the standard DIN 55655. The application technology can vary according to the dimension and weight of the part; e.g. smallest parts are usually coated in the EC-Automat 2000+, bigger parts are coated in the newly developed drum. All Dörken MKS products have always been free of harmful heavy metals such as chromium VI.

CATEGORY



KTL

REQUIREMENTS

Corrosion resistance

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

Special features

- organic
- water-based
- integrated lubricant
- gaugeability
- over-paintable

Defined coefficient of friction window

- $\mu_{tot} = 0,09-0,14$ (VDA 235-101 & DBL 9440)

Media resistance

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

Resistance against

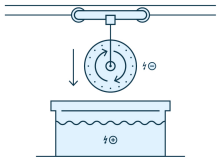
- Corrosion resistance
- Media resistance
- Defined coefficient of friction window

Surface / Substrate

- zinc flake basecoat
- steel
- zinc die cast
- passivated zinc/zinc alloys
- typical dry film thickness of 6-25 μm
- Even layer construction possible.

- The technical feasibility depends on pretreatment and individual characteristics of each material.

Application technology



Cathodic
electrodeposition
(bulk parts)

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

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SELECTION OF SUITABLE PARTS

Advised parts

				
Washers	Hose clamps	Panels	Metrical threaded bolts >M16	Metrical threaded bolts M2-M16
				
Non metrical threaded parts	Clips	Stamped parts	Nuts	Pipes and tubes
				
Brake parts	Rivets	Springs		

SPECIFICATIONS

ArvinMeritor - AM P104

General Motors - GMW14671

Volkswagen - TL 196