

DELTA-PROTEKT® KL 130

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DELTA-PROTEKT® KL 130 is a base coat made of zinc flake technology. The sacrificial characteristics of the zinc lead to the cathodic protection properties of this basecoat. The DELTA-PROTEKT® KL 130 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. An optional top coat can enhance the corrosion protection properties as well as create some multifunctional characteristics such as a defined window of coefficient of friction, resistances to media, colouring etc. 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



Basecoat

REQUIREMENTS

Corrosion resistance

- reaches a cathodic corrosion protection as requested per DIN EN ISO 10683

Special features

- inorganic
- solvent-based
- gaugeability

Media resistance

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

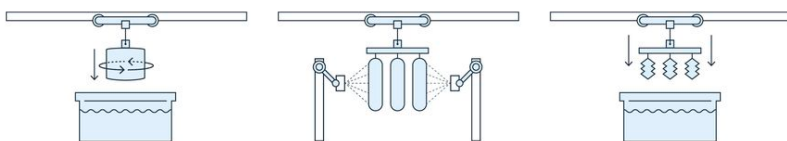
Resistance against

- Corrosion resistance
- Media resistance

Surface / Substrate

- steel
- high-strength steel
- stainless steel
- passivated zinc/zinc alloys
- typical dry film thickness of 6-12 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

- Florian Feldmann

SELECTION OF SUITABLE PARTS

Advised parts



Panels

Metrical threaded
bolts >M16

Metrical threaded
bolts M2-M16

Non metrical
threaded parts

Pipes and tubes



Bearings

Suitable parts



Washers

Hose clamps

Big parts

Clips

Stamped parts



Nuts

Brake parts

Springs

SPECIFICATIONS

ASTM - F3393

Abus - Teilefreigabe / parts specification

Daimler - DBL 8440

ISO - ISO/EN 10683

Volkswagen - TL 180

ASTM - F3125

Bossard - EV Engineer appendix Rev. 08

Hendrickson Truck Suspension - HTES-1283

Volkswagen - TL 233