

## DELTACOLL® 80 SCHWARZ

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DELTACOLL® 80 SCHWARZ is a topcoat for an electroplated substrates. In the system zinc + topcoat it is responsible for multifunctional characteristics such as a barrier effect, resistance to media, colouring etc. The DELTACOLL® 80 SCHWARZ 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



Deltacoll

## REQUIREMENTS

### Corrosion resistance

- enhances the corrosion protection of the basecoat

### Special features

- solvent-based
- hybrid system
- gaugeability

### Media resistance

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

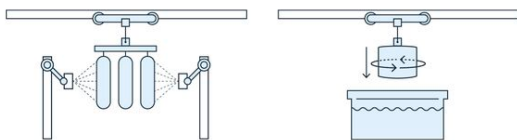
### Resistance against

- Media resistance
- Corrosion resistance

### Surface / Substrate

- passivated zinc/zinc alloys
- extreme thin layers of 1-3  $\mu\text{m}$  possible
- Even layer construction possible.
- The technical feasibility depends on pretreatment and individual characteristics of each material.

### Application technology



spray

dip-spin

### 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

## SELECTION OF SUITABLE PARTS

Advised parts



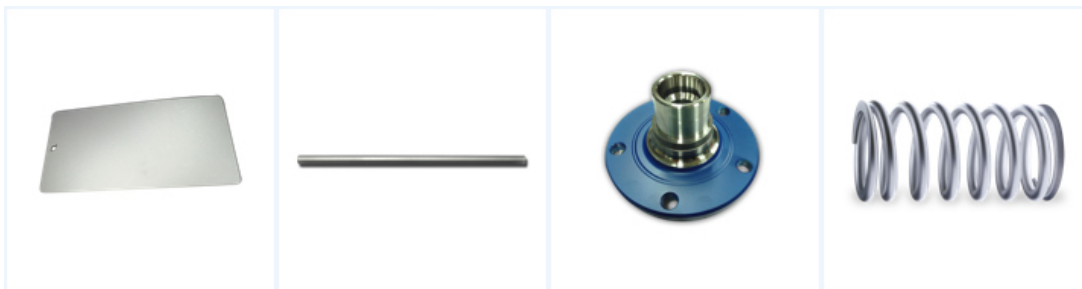
Washers

Non metrical  
threaded parts

Clips

Stamped parts

Suitable parts



Panels

Pipes and tubes

Bearings

Springs

## SPECIFICATIONS

BMW - GS 90010

TRW - TS2-21-79

ZF - ZFB 865

Daimler - DBL 9441

Volkswagen - TL 244