

ZINC FLAKE SYSTEMS * ZINC FLAKE SYSTEMS * ZINC FLAKE SYSTEMS



OTHER ZINC FLAKE SYSTEMS

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In combination with appropriate topcoats or sealers, **zinc flake coating** offers high-performance corrosion protection for demanding racked or bulk material components. These special zinc flake and topcoat systems can be used to implement customer wishes in a targeted manner. Possible are, for example, even very high or low friction coefficients, particularly abrasion-resistant surfaces, UV-resistant topcoats or special optical requirements. With aluminium coatings and tempered components, the temperature properties of the base substrates can also be observed.

OTHER ZINC FLAKE SYSTEMS

PROCESS FLOW

Zinc flake coatings and the associated topcoats and sealers are applied to the bulk material in special systems, using fully automated dip-spin procedures. The curing and polymerisation of the machined screws, nuts, clips or punched and bent parts subsequently takes place in controlled processes. In most application cases, the coating is composed of several base- and topcoat layers.

CHARACTERISTICS

- cathodic corrosion protection in silver and black
- particular friction coefficients can be achieved, depending on the coating
- defined screwing in place with high friction coefficients possible
- abrasion-resistant surfaces
- UV-resistant topcoats can be realised also in black
- special aluminium coating possible
- prevention of galvanic corrosion
- also suitable for (very) small dimensions or force applications
- meets technical delivery requirements of the automotive industry
- products from Dörken, Atotech, Magni, Rembrandtin

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