

Alkaline zinc

Alkaline zinc is a coating with broad horizons. It is an electrolytic, inorganic, corrosion-protecting coating suitable for most steel products used in semi-corrosive environments/applications. With this type of galvanising you save costs and also get a foundation suitable for varnishing.

Suitable application areas

Screw joint, construction and window fittings, fasteners of various kinds, brackets, pipes and automotive products.

Properties

Contributes to a more sustainable life cycle for your product.

Good corrosion-protecting qualities even with thin layers, $>8 \mu\text{m}$.

Has good metal distribution over the current density areas, which gives even layers.

A sealer/topcoat will increase corrosion protection and give controlled friction when needed.

Application temperature range is $< +150^\circ\text{C}$.

Complies with the ELV and RoHS directives.

Can be applied by hanging or drum application methods.

Corrosion Performance

P1 > 6 hrs to white corrosion according to ISO 9227 (NSS).

P4 > 200 hrs to white corrosion according to ISO 9227 (NSS).

P5 > 200 hrs to white corrosion according to ISO 9227 (NSS).

Other: 2 weeks in ACT to white corrosion, 4 weeks to base metal corrosion.

Appearance

Semi-glossy to glossy

P1 Iridescent blue (Cobalt free)

P4 Iridescent black (combined with sealer)

P5 Iridescent transparent



**SURFACE
TREATMENT FOR A
WIDE SPECTRUM
OF APPLICATIONS**



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