

Acid zinc

Acid Zinc is an electrolytic, inorganic, corrosion-protected coating that provides a decorative surface with a glossy finish. It is widely used for interior fittings, furnishings, furniture and in general engineering.

If you are going to have products in an outdoor environment, acid zinc combined with powder coating will give a more durable corrosion protection.

Suitable application areas

Acid zinc is suitable for most steel applications like cable ladders, furniture frames, fittings, wire components.

Properties

Contributes to a more sustainable life cycle for your product.

Provides good corrosion protection at layers > 12µm.

Has a high smoothing effect that gives a glossy surface.

Application temperature range is < +150°C.

Adding a sealer will give a more durable corrosion-protection for the product and provide controlled friction when needed.

Applied by hanging or drum application.

Corrosion Performance

> 6 hrs to white rust according to ISO 9227 (NSS) - Blue passivation/P1

> 72 hrs to white rust according to ISO 9227 (NSS) - Yellow passivation/P2

> 96 hrs to white rust according to ISO 9227 (NSS) - Transparent passivation/P5

A sealer provides increased corrosion protection.

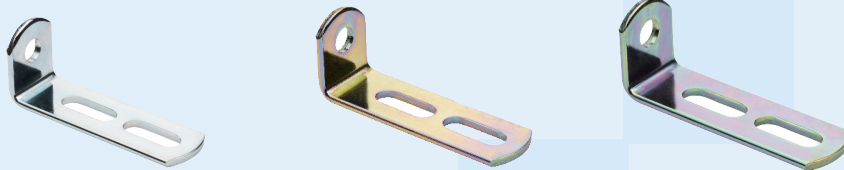
Appearance

Semi-gloss to glossy

P1 Blue

P2 Iridescent yellow

P5 transparent (only drum application)



OUR ACID ZINC
IS FREE FROM
BORIC ACID



Scan the QR-code or visit protonfinishing.com if you want to know more about our surface treatments, our sustainability initiatives or our facilities.

Do you have an RFQ? Please email : sales.finishing@protonfinishing.com