

Top Coats



In some instances zinc coatings do not give the performance required for certain applications, this may be for corrosion resistance, damage resistance or other reasons. When this happens the application of a 'mixed' or 'Duplex' system is used.

The Anochrome Group can offer a range of these coatings which have been devised to satisfy these cases. The more common version of these coatings can be seen below. specifications in relation to performance can be found on the master coating sheet .

Finigard

Finigard® is a series of specialist passivate coatings developed and applied to zinc to enhance the corrosion resistance above that of standard zinc.

These coatings give:

- Vastly increased damage and abrasion resistance
- Improved heat resistance - the coating will give over 200 hours salt spray resistance to w.c.p (BS7479) after thermal shock of 120°C for 1 hour
- Improved corrosion resistance 150-300 hours to w.c.p without thermal shock
- A choice of colours - clear or black
- Improved lubricity

JS500

JS500 is an improved sealant process which improves the corrosion resistance of most electroplated and mechanically plated deposits. JS500 is a water based product which can be added as part of the processing line.

When applied over a zinc plated coating (minimum thickness 8um) JS500 should achieve or exceed 96hours to first white corrosion and 500 hours to first red corrosion when tested in neutral salt spray to ASTM B117. This corrosion resistance is maintained even after thermal shock testing.

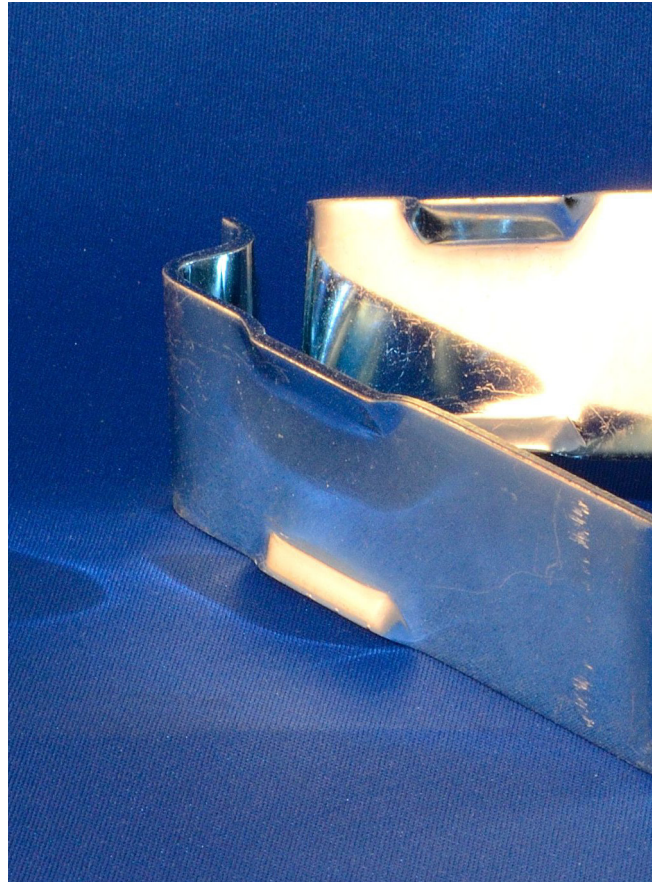
JS500 can be applied over trivalent- based passivates to give extended corrosion protection. This important factor means JS500 can be used easily and economically to give high performance corrosion resistant coatings free from hexavalent chrome.

The JS500 process is only sold to approved licensees to ensure proper application and performance.

JS500 has a built in UV trace for easy identification of treated parts.

These coatings give:

- Vastly increased damage and abrasion resistance
- Improved heat resistance - the coating will give over 200 hours salt spray resistance to w.c.p (BS7479) after thermal shock of 120°C for 1 hour
- Improved corrosion resistance 96w 500r



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