



# Modern Plating Corporation

## High Performance Finishes

### ClearMax 5000

**ClearMax 5000** is a trivalent chrome (chrome III) version of its proven hexavalent-free zinc finishes with the addition of a licensed "JS 500" sealer from MacDermid, Inc. Bright silver in appearance, **ClearMax 5000** does not exhibit any of the yellow tints that are common with hexavalent finishes that incorporate a sealer.

**ClearMax 5000** offers extended corrosion protection at a reasonable cost. Neutral salt spray testing indicates performance of 120 hours to initial white corrosion and 500 hours to initial red corrosion (8um/.0003 zinc). All testing is done in accordance with ASTM-B-117.

**ClearMax 5000** is approved for Chrysler specification PS8814 and Ford specification WSS-M21P17-B1. Please contact Modern Plating for information on other specifications that can be met with **ClearMax 5000**.



### ZincPLUS<sup>3</sup> Black

**Zinc PLUS<sup>3</sup> Black** is a high corrosion resistant trivalent black chromate that is applied over zinc plated parts. It is a very cost effective finish for use in corrosive environments where extended protection is required.

**Zinc PLUS<sup>3</sup> Black** provides a glossy black finish and is excellent for use with paints, oils and waxes due to its high level of adhesion.



### ZincPLUS<sup>3</sup>

Modern Plating's research has developed **Zinc PLUS<sup>3</sup>** to meet the needs of those customers requiring the high performance of Modern's popular **Zinc PLUS** finish but in a trivalent version. All drive characteristics of our hexavalent **Zinc-PLUS** finish have been maintained in the new trivalent **Zinc PLUS<sup>3</sup>** finishes.

**Zinc PLUS<sup>3</sup> clear** will surpass 300 hours to the first sign of white corrosion in neutral salt spray testing and 1,000 hours to the first sign of red corrosion. **Zinc PLUS<sup>3</sup> black** will also surpass 300 hours to the first sign of white corrosion in neutral salt spray testing and over 720 hours to the first sign of red corrosion.

**Zinc PLUS<sup>3</sup>** meets the demanding specifications of the automotive and other industries that require superior performance. **Zinc PLUS<sup>3</sup>** offers a medium to high gloss finish, good elasticity and minimal recess fill. This permits it to be used on a wide variety of part configurations. **Zinc PLUS<sup>3</sup>** offers significant cost savings when compared to other finishes offering this level of corrosion resistance. It meets all the adhesion requirements of the ASTM B-571 standard and has passed the climatic/cyclical testing of GM 9540P.



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