

HydroKlad SI

Anti-Corrosion Coatings



High Performance, Multi Purpose Sealer

HydroKlad SI is a clear, inorganic seal for use on electroplated, and mechanically plated Zinc and zinc-alloys. On make-up the solution is completely chromium-free. On plated zinc and zinc-alloys, it gives exceptional corrosion resistance when applied over MacDermid TriPass ELV and Iridite passivates.

As **HydroKlad SI** does not contain polymers the resulting film has reduced droplets.

The final result... a thin colorless film which increases corrosion resistance and preserves the initial bright appearance of the coated surface.

Key Features

- Excellent corrosion resistance
- Suitable for rack and barrel
- Thin, clear inorganic coating
- Chromium-free on make-up
- Meets 'End of Life Vehicle' directive



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HydroKlad SI Recommended Applications

HydroKlad SI can be applied to any passivated zinc and zinc-alloy coating, whether electro or mechanically plated.

We particularly recommend it in the following applications:

Fasteners

To improve both corrosion and abrasion resistance where an unlubricated finish is required. For this application **HydroKlad SI** is approved to **GM 3044 X**.

Brake Calipers

Being completely inorganic, **HydroKlad SI** is compatible with brake fluid. When used with Kenlevel acid zinc and TriPass ELV 1500, this coating is specified by major brake manufacturers including **TRW** and **Brembo**.

Fluid Transfer Tubes

Applied over Enviralloy Niflex 12 and TriPass ELV 3100, **HydroKlad SI** is uniquely specified by **VW** to meet TL 244, surface OfI-r643 (VW 13750). This specification is for tubes which must retain corrosion resistance after post plating deformation.

Product Range					
Application	Finish	Passivate	Hours To First White Corrosion	Hours To First Red Corrosion	ZinKlad Level
Fasteners	Zinc	TriPass ELV 1500 LT	120	384	ZinKlad 240
Calipers	Zinc	TriPass ELV 1500 LT	200	500	ZinKlad 250
Tubes	Zinc-nickel	TriPass ELV 3100	240	720	ZinKlad 1000



For more information, please contact us at:

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