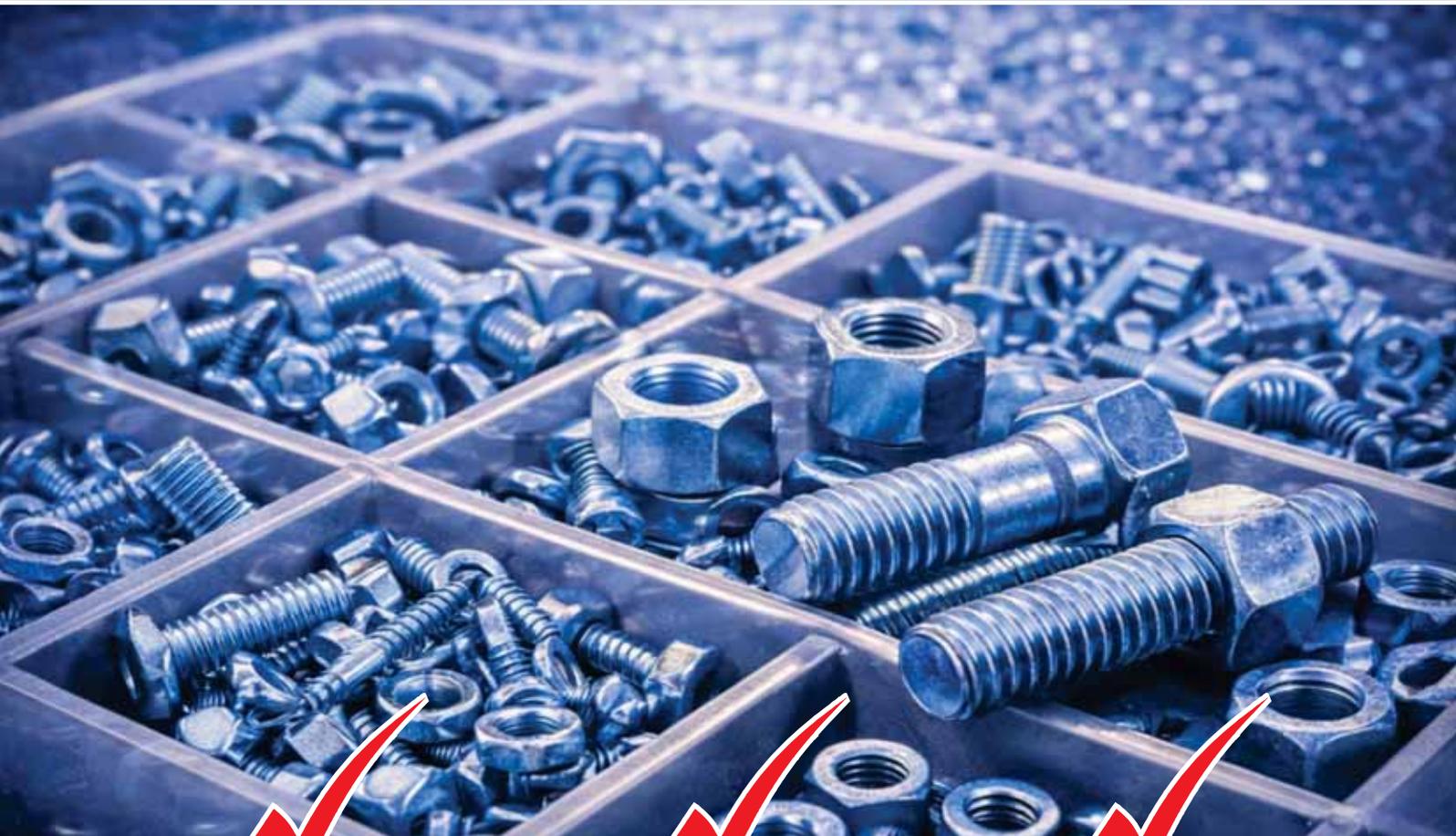


COLDIP **TRI-V 200 UB**

*A High Corrosion Resistant Trivalent
"Ultra-Blue" Conversion Coating for Zinc*



**Exceeds
175+ hours
to first white
corrosion in
neutral salt
spray.**

**Provides
350+ hours
to first white
corrosion
when top
coated.**

**Aesthetic,
bright blue
finish with
easy, single
component
operation.**



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FEATURES AND BENEFITS

CONSOL TRI-V 200 UB

A HIGH CORROSION RESISTANT TRIVALENT "ULTRA-BLUE" CONVERSION COATING FOR ZINC

CONSOL Tri-V 200 UB....

- Is an Ultra Blue, High performance, Trivalent conversion coating for electroplated Zinc.
- Is an aesthetically pleasing blue-bright conversion coating which, when applied properly will provide a finish that exceeds 175 hours of neural salt spray to first white corrosion.
- Is an easy to use one part system that is applied by conventional immersion techniques.
- Provides 350+ hours to first white corrosion when top coated with Consol Zinc-Chro-Shield or Consol Zinc-Chro-Pellent.

OPERATING INSTRUCTIONS

	RANGE
Concentration	5% - 10% by volume
Dip time	45 to 120 sec
Temperature	80° to 100° F (26 – 38° C)
pH	1.8 – 2.5
Zinc Deposit Thickness	Minimum 8 micron

NOTE: Dip times can vary depending upon the concentration and the age of the chromate.

HELPFUL HINTS

- A Nitric acid pre-dip is recommended to increase the life of the bath solution particularly when an alkaline zinc electrolyte is utilized.
- Removing fallen parts from the **CONSOL Tri-V 200 UB** tank and the Nitric Acid pre-dip tank is recommended to reduce the build-up and drag in of Iron contamination. In cases where the iron has exceeded the maximum concentration, the use of **CONSOL IRON CONTROL** can be used to help extend the life of the chromate.
- Although the pH for a new solution make-up may be below the recommended operating range of 1.8 to 2.5, parts can be processed since the pH will climb after only a few hours.
- Consol Zinc-Chro-Sheild or Consol Zinc-Chro-Pellent can be used in the final hot water rinse to help improve corrosion protection.
- With trivalent chromate based conversion coating, care should be taken to avoid excess abrasion of the parts after processing. Trivalent coatings when fractured do not "heal" as in the case of traditional hexavalent products.
- A cold **CONSOL Tri-V 200 UB** solution will affect the corrosion resistance of the chromate film. Maintaining the working temperature at 90° to 100° F (32° to 38° C) will help improve corrosion protection.
- Simply by increasing the **CONSOL Tri-V 200 UB** working concentration, temperature and dwell time can improve overall consistency of colour and corrosion protection.
- Nitric Acid can be used to adjust the pH down in a working **CONSOL Tri-V 200 UB** solution.

Attention: This sheet is only meant to provide Features and Benefits of the process mentioned. For detailed Usage, Please refer the product Technical Data Sheet. For Safety, handling and Chemical information please refer the Safety Data Sheet. These can be provided through a *Consolidated Metal Finishing Pvt. Ltd.* representatives or requesting us for the same by email.