

# **TECHNICAL DATA SHEET**

## **ZN TRIKOTE BL- 350**

ZN TRIKOTE BL- 350 is a trivalent chromium based clear blue chromate passivation designed for cyanide, alkaline, chloride and cobalt zinc baths.

It is economical and very simple in operation. This system gives better corrosion resistance as compared to conventional hexavalent chromium and also saves waste treatment cost.

### **OPERATING CONDITION:**

ZN TRIKOTE BL- 350	50 – 80 ml/l
Nitric acid	1 – 2 ml/l
pH	1.8 – 2.2
Time	20 – 40 sec.

### **BATH PREPARATION:**

- Fill the tank with 2/3 rd of water.
- Add required quantity of ZN TRIKOTE BL- 350.
- Make up the operating level with water.
- Check pH.
- Adjust with Nitric acid (10%) to lower pH and sodium hydroxide(10%) to raise pH.

### **OPERATION:**

- Zinc plate
- Water rinse
- Water rinse
- 2-3 ml/l nitric acid dip.
- Water rinse.
- ZN TRIKOTE BL- 350 dip.
- Water rinse.

- Hot air dry.

**MAINTENANCE:**

Bath can be maintained by regular addition of ZN TRIKOTE BL- 350.

Approximately 10 -15 ml/l can be added after processing 10-12 sq. ft /l.

**CAUTION:**

ZN TRIKOTE BL- 350 solutions is acidic in nature, in case of splash to the eyes or contact with the skin, flush it with plenty of cold water. Use protective clothing, safety glasses and face mask while handling.

**DISPOSAL:**

Local agencies should be consulted for regulations concerning disposal. Solutions should be neutralized prior to disposal in sewage system.

**DISCLAIMER:**

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