

TECHNICAL DATA SHEET

OLIVE PASSIVATION 562

(A CHROMATE CONVERSION COATING FOR CHLORIDE ZINC DEPOSIT)

Olive Passivation 562 Process is a single dip immersion process to produce green conversion coatings on chloride zinc deposits. It gives very high corrosion resistance of above 150 hours in a salt spray test.

OPERATING CONDITIONS:

Olive Passivation 562	60-120 ml/lit
Temperature	Room
Time	30-90 seconds
pH(Electrometric)	0.8-1.2
Agitation	Air or component movement

MAKE-UP:

1. Fill the clean PVC lined tank 2/3rd full of clean water.
2. Add the required quantity of Olive Passivation 562 and stir the solution well.
3. Fill the tank to final operating volume with water and stir to ensure thorough mixing of the operating solution.

CYCLE:

- Zinc plate thickness 6-9 microns.
- Water rinse.
- Water rinse.
- 0.4% by volume nitric dip.
- Water rinse.
- Olive Passivation 562 dip.
- Water rinse.
- Water rinse.
- Dry.

EQUIPMENT:

PP, PVC or PVC lined tanks are recommended.

MAINTENANCE:

Regular additions of Olive Passivation 562 should be made based on visual observations. When the coating becomes iridescent in colour addition of Olive Passivation 562 is recommended. Normally 800-1000ml of Olive Passivation 562 is required for work treatment of 150sq.ft

WASTE TREATMENT:

Olive Passivation 562 solutions contains chromic acid (hexavalent). It should be neutralized with ferrous sulphate to trivalent stage and upon reduction it should be neutralized with alkali before discharging into sewage.

DISCLAIMER:

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