Technical Data Sheet

Olive Green Passivation EB-404

Olive green Passivation EB-404 is an ambient temperature immersion process for producing leaf-green conversion coating on alkaline zinc, acid zinc and cyanide zinc plated surfaces. Green passivation offer good corrosion resistance. One hundred fifty plus SST hours (white rust) can be achieved.

Make-Up Method:-

- Firstly clean tank thoroughly (PP, PVC Tank Recommended).
- Add required quantity of EB-404 with gentle stir.
- Maintain Operating level of tank with distilled water and mix well.
- Check and adjust pH with 50% Nitric acid to lower ph., add 50% sodium hydroxide to raise pH

Operating Parameters:-

- Temperature:- Ambient Temperature
- Concentration:- 80~120ml/litter (Optimum 100ml/litter)
- Residence Time:- 30-60 second`s
- pH:- 1.2~2.0

Process:-

- Zinc Plating (10~12 micron recommended)
- Water rinse
- Water rinse
- Nitric Acid dip 0.4%
- Water rinse
- Green Passivation EB-404
- Water rinse
- Water rinse
- Hot Dry (50~60 ºc)

Replenishment:-

Bath is replenished by visual observation or by analysis. Small additions of EB-404 are added to the bath with stirring normally 0.8 to 1 litters of passivation EB-404 will consumed work treatment of one seventy five square feet's

Cautions:

- Must Wear PPE's Rubber Gloves, Long shoes and apron during chemicals mixing.
- Care should be taken while adding nitric acid.

Waste Treatment:

Olive Green Passivation EB-404 solutions contains chromic acid (hexavalent). It should be neutralized with ferrous sulfate to trivalent stage and upon reduction should be neutralized with alkali before discarding into sewerage line.

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