

## Technical Data Sheet

### Blackening Additive EB-404

Blackening Additive EB-404 is a conversion coating for ferrous material, stainless steel and mild steel it is used to provide mild corrosion resistant's ``for appearance`` and to minimize light reflection. To achieve maximum corrosion resistance part's should be spray with anti-rust oil or wax after blackening process. EB-404 widely used in auto mobile fastener's and hardware industry's

#### Make-Up Method:-

- Firstly clean tank with cotton waste and steel wire brush (use Mild Steel Tank)
- Fill tank with ready to use blackening additive EB-404 till marked level.
- Maintain required temperature of bath.

#### Operating Parameters:-

- Temperature: 120~140°C (Optimum 130°C Boiling )
- Residence: Time 3-5minutes

#### Process:-

- Degreasing (EB-1001)
- Water rinse
- Water rinse
- Acid Dip (HCL 30~50%)
- Water rinse
- Water rinse
- Blackening Additive (EB-404)
- Water rinse
- Water rinse
- Anti-rust oil
- Drying

#### Replenishment:-

Increase of temperature and iron contents solution will change to yellow color with floating sludge. Remove sludge from surface and keep maintain tank temperature & level precisely with (EB-404) to Avoid evaporation loses.

Tank Level and maintain standard temperature very important in this process to archived constant quality.

#### Cautions:

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

#### Waste Treatment:

Blackening Agent EB-404 is a alkaline base solution. It should be neutralized with Acid before discarding to sewerage line.



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