

## **Specification for Secco Orient (ECO-3000 Series)**

Providing and fixing Eco 3000 Series Windows fabricated from roll formed sections made of Galvanized Steel Colour Coated/Powder Coated (Base Steel as per IS 513 "D" quality, Galvanized as per IS 277 with Zinc of 120 grams/Sq. Mtr.) with total coated thickness of 0.60 mm.

Coated Sections should be with Primer Coat of Epoxy Primer of 5-7 microns thick, finish painted with Polyester Paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns, or Powder Coated with pure Polyester Powder up to 50-60 microns thick.

### **Dimensions of Sections:** -

Section for frame should be 48mm x 50mm, Section for Mullion should be of 48mm x 50mm, Section for Glazed Shutter Frame should be of 47mm x 20mm, and Section for Fixed Glass Bead should be of 12mm x 12mm.

### **Fixing Details:-**

Frame and Shutter Frame Sections should be cut to length and mitre joined with Polypropylene Corner Brackets. Mullion Section should be joined with Frame/Mullion using Nylon Mullion Cap. Ethyl Propylene Diamine Monomer (EPDM) Gasket should be used all around glass in shutter.

### **Accessories:-**

Each Glazed Shutter should be provided with S.S. Pivot Hinges-1set, Seccolor Handle & Seccolor Stay.

### **Glass:-**

Glazed Shutter and Fixed Glass portions should be provided with a glass of 5mm Plain Float Glass.

### **Grill:-**

Windows should be provided with Grill made of 10mm sq. MS Bars welded to at 150mm center-to-center, 6mm x 12mm MS flat. Total grill unit should be powder coated and fixed to window frame with screws.

Window Frame should be fixed to brick/concrete masonry by using Nylon self-expanding caps and driving MS electroplated 80mm long screws into the caps through frames.