

Specification for Secco Plus (Eco 5000 Series)

Providing and fixing Windows, Ventilators 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/ Sqr. Mtr.) with total coated thickness of 0.60 mm.

Paint specifications:-

Coated Sections should be with Primer Coat of Epoxy Primer of 5-7 microns thick, finish painted with a 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 of 98mm X 50mm, Section for Mullion should be of 46mm X 70mm, Section for Shutter Frame should be of 46mm X 46 mm, Section for Fixed Glass Bead should be of 18mm X 25mm and Section for Fly mesh Shutter Frame should be of 20mm X 40mm.

Fixing Details:-

Frame and Mesh Shutter Sections should be cut to length and mitre joined with Corner Bracket made of Polypropylene. Glass Shutter should be mitre joined with corner brackets made of CRCA electroplated. 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 between Frame and Glazed Shutter and both sides of Fixed Glass. Rubber Gasket should be used around Fly mesh to fix Mesh in Mesh Shutter.

Accessories:-

Each Glazed Shutter should be provided with MS Powder Coated Friction Hinges – 1 set, High Grade Aluminum Powder Coated Handle -1 No. Each Mesh shutter should be provided with S.S. Pivot Hinges-1 set, Seccolor make handle & tower bolt shall be provided per shutter.

Glass:-

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

Mesh:-

Mesh Shutter should be provided with a Stainless Steel 32 gauge Fly mesh of 304 grades with 144 holes per square Inch.

Grill:-

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

Window frames 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.