

Specification for Eco- 4000 Series Windows

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 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: -

Sections for Frame should be of 72mm X 50mm, Section for Mullion should be of 72mm X50mm, Section for Shutter Frame should be of 47mm X 20mm, Section for Fixed Glass Bead should be of 12mmX12mm, and Section for Fly mesh should be of 40mm X 20mm.

Fixing Details: -

Section for Frame Glazed Shutters and Mesh Shutters should be cut to length and miter joined with Polypropylene Corner Brackets, Mullion Section should be joined with Frame/ Mullion using Mullion Cap Ethyl Propylene Diamine Monomer (EPDM) Gasket should be used all around glass in shutter and Fixed Glass. Rubber Gasket should be used around Fly mesh to fix Mesh in Mesh Shutter.

Accessories: -

Each Glazed Shutter and Mesh shutter should be provided with SS Pivot Hinges – 1 set, Seccolor Handle & Stay.

Glass: -

Glazed 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 grade with 144 holes per sq. Inch.

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 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.