

SPECIFICATION OF PLEATED MESH --- M TYPE

Type of Movement for Pleated Mesh – M Type

Right Stacking
Mesh Shutter moves from left to right and stacks at right side <<<<----- (Direction of Frame)

SPECIFICATION OF COMPONENTS OF PLEATED MESH --- M TYPE

TOP RAIL : -- Extruded Aluminium profile in alloy 6063 with hardness of T5 . The profile is U shaped and has the following dimensions - Width 26mm and height 45mm. Wall thickness of profile is 0.9mm. All profiles should be powder coated with Pure Polyester powder in semi-gloss finish of 60 to 80 microns.

PULL RAIL : -- Extruded Aluminium profile in alloy 6063 with hardness of T5 . The profile should have grooves to accommodate PVC handle, magnetic strip, 13.5 mm PVC slat and steering transmitter. Wall thickness of profile should be 1 mm and it should have the following dimensions. Width 24 mm and height 60 mm.

VERTICAL RAIL : -- Extruded Aluminium profile in alloy 6063 with hardness of T5 . The profile should have C section with groove for inserting wool pile to cover gaps between wall and pleated mesh. Vertical rail along with special M corner provides the collapsible mesh system a frame on all 4 sides for extra stability and smooth movement. M corner should have a hole to facilitate easy face fixing. The dimension of this profile – Width 26mm and height 22mm.

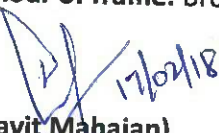
BOTTOM RAIL : -- Extruded Aluminium profile in alloy 6063 with hardness of T5 . The dimension are – Width 26mm and height 25mm ensures low threshold. The profile should be strengthened to take weight of user who may step on bottom rail by mistake. The groove at bottom is for smooth movement of thread in centre while self-lubricating ABS wheels with rubber buffers moves on sides.


PVC COMPONENTS : -- The moulded components used in Pleated Mesh M – Type are made of high grade virgin PVC . The components should be impact resistant and capable of enduring high sheer pressure. The PVC fitments should fit perfectly to aluminium extrusions without any play. The components are available in preferably white colour or matching to existing frame colours.

MESH :- Made of PET material woven in warp knitting. Tensile strength is width > 210N/ 25mm and length >230N/25mm. Weight of mesh is 85 gms/sqm with temperature tolerance between 0 to +60 degree centigrade. Colour fastness is grade 6 European standards. Colours Black, grey or ivory. Pleat height 19.5 + - 0.5 and 15.5 +- 0.5. Make: Phifer or Insect Shield.

A sample of above said mesh system is available at our office. Vendors having any doubt can visit and clarify before quoting.

Colour of frame: Brown or Ivory


(Navit Mahajan)
Sr. Engineer/ WEX


(Preetam Kumar Singh)
Asst. Engineer Gr-I (Civil)