



ACCEPTED PRODUCTS

Wire mesh partition manufacturer shall be specialist in this type of work, having been in operation as a company for a minimum of 3 years.

Wire mesh partitions shall be steel with all welded components as produced by Major Partitions.

Quantities, and sizes and arrangements shall be show on drawings.

SUBMITTALS

Submit shop drawings of wire mesh partitions prior to fabrication. Shop drawings shall clearly show and describe in detail, materials, connections, attachments, anchorage, elevations, dimensions, thicknesses of materials.

MATERIALS

PANELS

Panels shall be 10g wire 1" x 2" welded mesh or woven wire welded into an angle frame of 1 1/4" x 1 1/4" x 10 angle welded at every 8 inches. Panels 3 to 6 feet wide receive 3/4" flat stiffener, wider panels receive 2 stiffeners dividing the panel in equal sections. All panels shall be fastened to posts by using 1/4" x 2 3/4" cadmium tamper proof bolts and nuts.

SWING DOORS

Frames shall be 1 1/4" x 1 1/4" x 3/16" angle with 2" x 1" x 10 gauge rectangular steel mesh. Provide high and low lugs for padlocks on each door and frame. Doors shall be equipped with padlock lugs (option cylinder lock), door strikes and 1 1/2 pair of hinges. Provide one horizontal and two vertical flat stiffener of 1/4" x 3/4" inch steel. Provide factory applied door closure.

SLIDING DOORS

Frames shall be 1 1/4" x 1 1/4" x 3/16" angle with 2" x 1" x 10 gauge

rectangular steel mesh. Provide high and low lugs for padlocks on each door and frame. Doors shall be equipped with padlock lugs (option cylinder lock). Provide one horizontal and two vertical flat stiffener of 1/4" x 3/4" inch steel. Doors shall be supported with 2 sets of trolleys in a 2" x 2 1/2" track x 14 gauge. Doors shall be equipped with stoppers hasps and guide.

POSTS

Posts shall be 2 x 2 x 14g square tubular steel welded to a base plate 2 x 6 x 1/4 using two 2 3/4 x 3/8 tamper proof anchor bolts.

CEILINGS

Shall be same constructions as panels. ceiling panels shall be non load bearing.

FINISH

Baked grey powder over a phosphate treated steel.

EXECUTION

Erect wire mesh partitions in accordance to reviewed shop drawings and manufacturer's recommendations using 1/4" x 2 3/4" cadmium bolts and nuts to fasten panels to post.

Fasten posts to concrete floor using threaded or wedge type anchors using two 2 3/4 x 3/8 (70mm x 10mm) anchor bolts.

Clean damaged or scratched surfaces with touch up paint as recommended by manufacturer.