



# HANOVER

## SLIDING MULLION

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[www.hanoverdoors.com](http://www.hanoverdoors.com)



Mullion to one side



51' x 20'



42' x 18'



40' x 16' closed



40' x 16' open

# HANOVER SLIDING MULLION SPECIFICATIONS

## 1.1 Mullion:

- 1.1.1 10" by 8" deep C channel made with 14ga steel. Inside 10" face of 13ga steel riveted to C channel to complete tubular frame. White powder coated finish.
- 1.1.2 Re-enforced upper section for carriage assembly to mount to.
- 1.1.3 Modular design allowing for mullion heights of 10' to 30'.
- 1.1.4 Insulated to R20.

## 1.2 Carriage Assembly:

- 1.2.1 Inner carriage uses four 3" steel rollers with 6203 sealed bearings mounted on two 3/4" shafts.
- 1.2.2 Exterior carriage attached to one side of mullion and uses two 3" steel rollers with 6203 sealed bearings.
- 1.2.3 Both carriages made of 1/4" tubular steel with a white powder coat finish.

## 1.3 Receiving Base

- 1.3.1 13" by 11" by 3/16" base plate fastened to floor.
- 1.3.2 3/16" by 1 1/2" walls on 3 sides allow mullion to seat and lock into place.
- 1.3.3 Powder coated white finish.

## 1.4 Locking Pins

- 1.4.1 Spring loaded 5/8" steel shaft mounted to top of mullion provides a secure upper locking mechanism.
- 1.4.2 Double poll plunger limit mounted on upper pin receiver ensures power is disabled to electric operators when mullion has been moved.
- 1.4.3 Manual 5/8" steel shaft mounted to lower portion of mullion via 2 guides provides secure locking mechanism.

## 1.5 Header Rail

- 1.5.1 Roll formed .108" thick commercial galvanized steel rails bracketed face to face and mounted underside of header 1" in from face of opening allows carriage on mullion to roll smoothly aside.

## 1.6 Loads

- 1.6.1 Building header must be able to carry the load of the mullion assembly and much of the door weight.
- 1.6.1.1 Typical mullion assembly with door tracks and angles attached will weight 250 – 400lbs
- 1.6.1.2 Header rail will weigh 2.3lbs per foot.
- 1.6.1.3 In a two door / 1 mullion scenario, half the total weight of each door will be need to be carried by the buildings header.
- 1.6.1.4 If torsion springs are used to counter balance the doors weight then the springs and torsion shafts weight must also be added to the load.

