

Scale® / 12[A] & Scale® / 8[A] from **Panefold**®

LAMINATED SINGLE PANEL FOLDING PARTITION

INSTALLATION INSTRUCTIONS - READ CAREFULLY

The acoustical effectiveness of your partition depends greatly upon surrounding construction and care of installation. Surrounding construction shall have a sound rating that equals or exceeds the sound rating of the partition. All sides of the opening shall be prepared to a high degree of level and plumb.

Scale®/12 & Scale®/8 partitions are heavy; approximate weight is 2.5 to 3.0 lbs per sq. ft (12.2 to 14.7 kg/m²). A header capable of supporting this weight without deflection must be provided by others. Also an adequate number of personnel and proper equipment must be provided for proper handling during installation.

Fabrication height is measured from finished floor (or floor covering) to header where partition track will be secured. This measurement is critical and must be maintained across the entire opening width.

Job-Site measurement shall be carefully checked against fabrication height dimension shown on packing slip before proceeding.

Tools Required: Electric Drill, Phillips Head Screwdriver (bit), Hacksaw,
Flat Blade Screwdriver, Caulking Gun, 1/2" Stapler.

SECTION 1 **Installation of Single Partitions**

Partition track is pre-punched on
8"(203.2mm) centers for heights
thru **18'-1"(5486mm)**,

Panhead sheet metal screws are furnished:

No.14 x 2" for track type "C"

Should other screws or fasteners be used,
the head size must not be larger than those
furnished.



No.14 x 2"
Pan Head Screw

STEP 1

- A. Mark and pre-drill header to match holes in track. Extreme care shall be taken to prevent shavings or any other foreign material getting into track.

DO NOT DRILL THRU TRACK

If more than one track section is supplied,
care must be taken where the two track ends
meet to secure them to the header in precise
alignment to assure smooth, trouble-free
travel of the carriers.

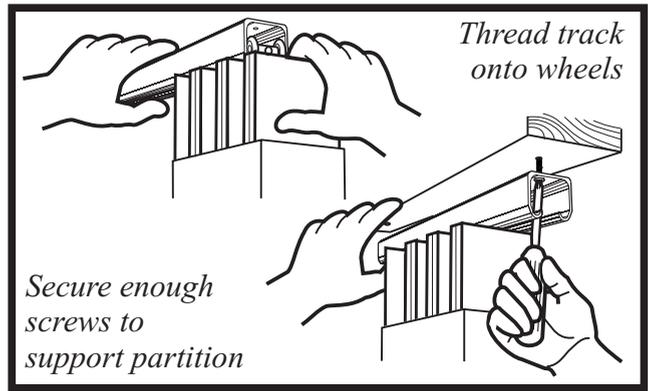


STEP 1(Cont'd)

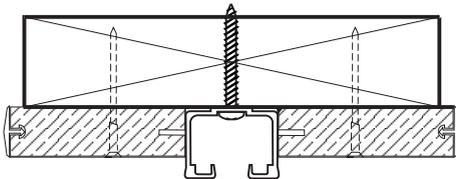
- B. **REMOVE END CAPS ONLY** from partition crate. (Main crate must not be removed until partition is suspended in track). Carefully stand partition on bottom with top wheels directly beneath track location.



- C. Thread track onto wheels and begin installing track screws at far end. Secure enough screws to support partition in a partially extended position. Remove remaining crate and inner packing. Very carefully move partition to the secured portion of the track. Install remaining screws in track.

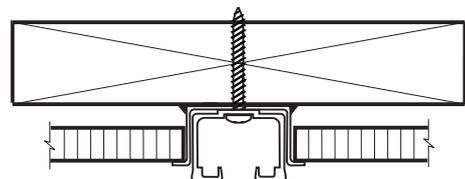


TYPE 2 HEAD
Track Type "C"



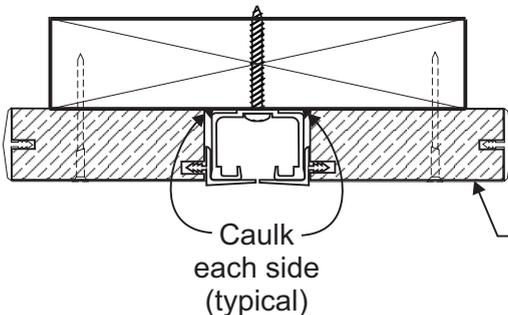
In **TYPE 2** install track mould head trim at each side of track with No.6 x 1½" flat head screws.

TYPE 3 HEAD
Track Type "C"



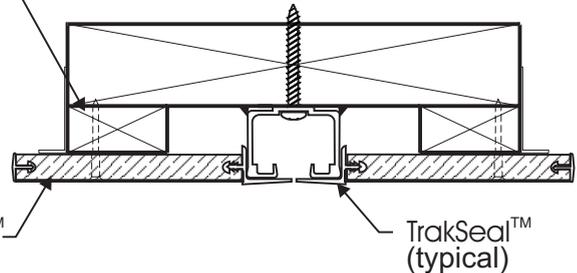
In **TYPE 3** install sub-channel with finishing nails if installed prior to track installation.

TYPE 4 HEAD
Track Type "C"

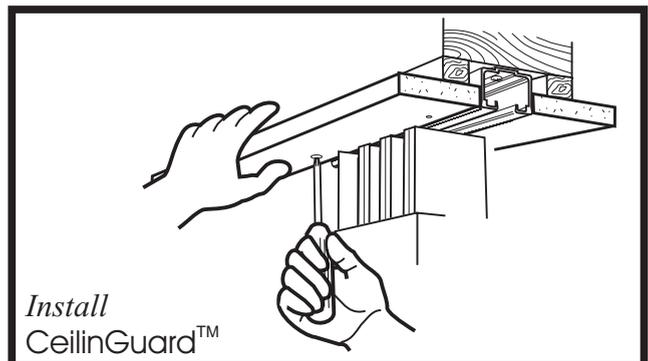


2" x 3/4"
by others
(typical)

TYPE 5 HEAD
Track Type "C"

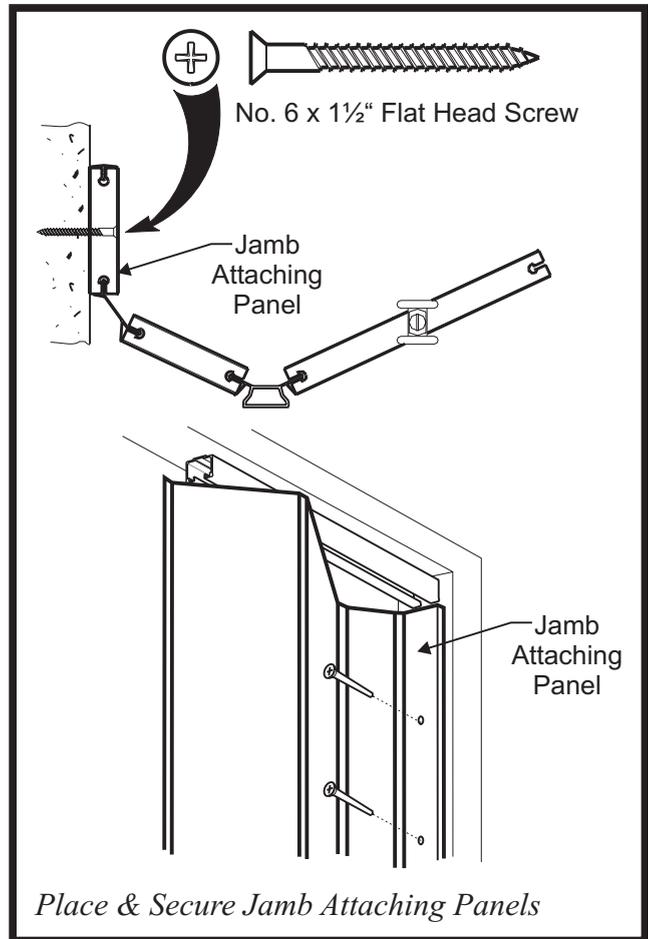


- D. On **Acoustical** models **Type 4C** heads install CeilinGuard® head trim at each side of track with No.8 x 2¼" flat head screws. Use No.6 x 1½" flat head screws for **Type 5** heads. Great care shall be taken to assure a level surface (no side tilt) for SonicSweep™ (sweep seal) material to contact without binding.



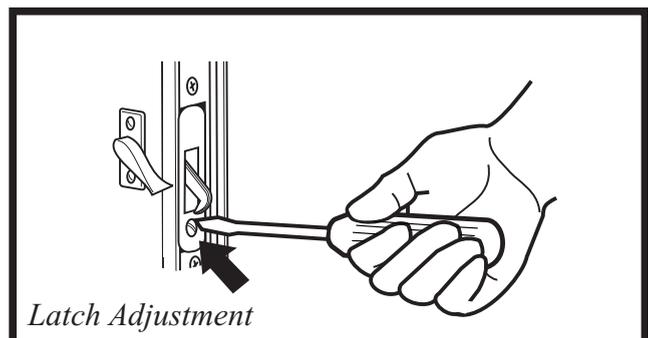
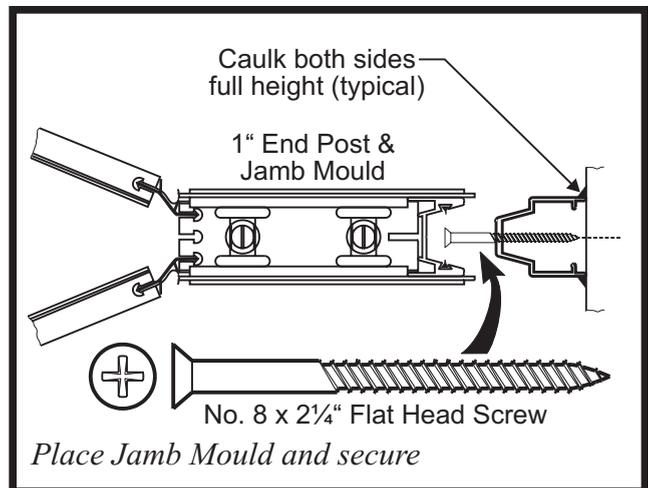
STEP 2

- A. Install Jamb Attaching panel with No.6 X 1½" flat head screws provided.
- B. **If your partition has a latch at one end only follow this step; if it has latches at both ends skip to STEP 3.**
With partition in stacked position, hanging relatively plumb, mark jamb at outside edge of jamb attaching panel for No.6 X 1½" wood screws. Open partition enough to mark pilot holes locations. Drill pilot holes and install screws.



STEP 3

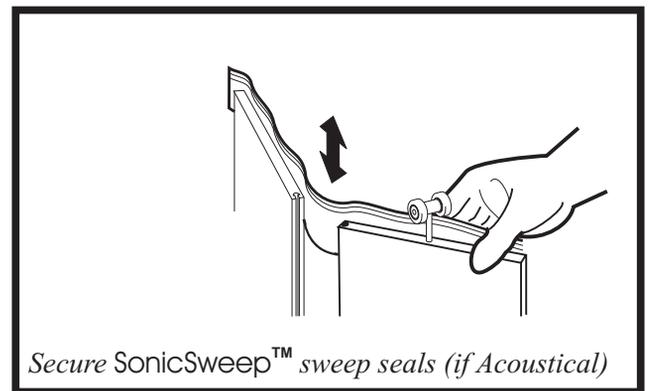
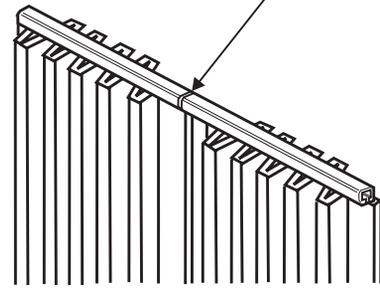
- A. Place jamb mould (for Single-Fixed Jamb or Double-End Post Partitions) in a plumb position directly under the track. Secure with flat head screws supplied.
Note: Should it become necessary to shorten the jamb mould, cut off bottom only
- B. Latch operation can be adjusted by turning the adjusting screw located in the leading edge of latch (See bottom figure).



SECTION 2 Installation of Double Partitions

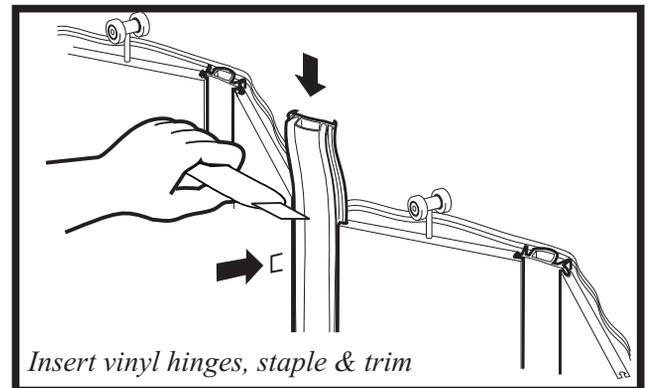
- A. Measure opening width and divide the result by two (2). Cut each track section 1/8" (3.175mm) shorter than measurement. This leaves room for screw "stop" when track is installed.
- B. Follow **STEP 1A** and **1B** except placing both partitions opposing each other directly under one half of opening,
- C. Thread first half of track onto wheels of both partitions and begin installing track screws as in **STEP 1C**.
After securing all track screws in one half of track, install second half of track.
Move second partition to second half of track. Set a screw at track center joint and leave projecting 1/2" (12.7mm) to "stop" wheels of either partition from traveling pass the joint.
- D. Follow partition installation **STEP 2**.

Insert Track Screw half way to provide a "stop" at the center of opening for Double Partitions



SECTION 3 Assembly of Partitions Shipped in Sections

- A. If a partition comes in more than one crate, it is necessary to assemble the sections. Follow **STEP 1A**, **1B**, and **1C**, **STEP 2A & 2B**, **STEP 3A** and **STEP 4** for each of the sections.
- B. If Acoustical, secure the sweep seals top and bottom by inserting the sweep seals into the panel grooves.
- C. Insert the dual-walled MemoryAction® vinyl hinges from the top into the grooves in the panel edges. Staple and trim.



**PARTITION TRACK MUST
BE THOROUGHLY LUBRICATED
WITH LUBRIPLATE OR SIMILAR
PRODUCT FOR EASY AND
TROUBLE-FREE OPERATION**

**CAUTION: NEVER STORE ON END
Keep in carton until ready to install**

Panelfold, Inc. P.O. Box 680130, Miami, FL 33168 (305) 688 3501 FAX: (305) 688 0185
www.panelfold.com e-mail: sales@panelfold.com