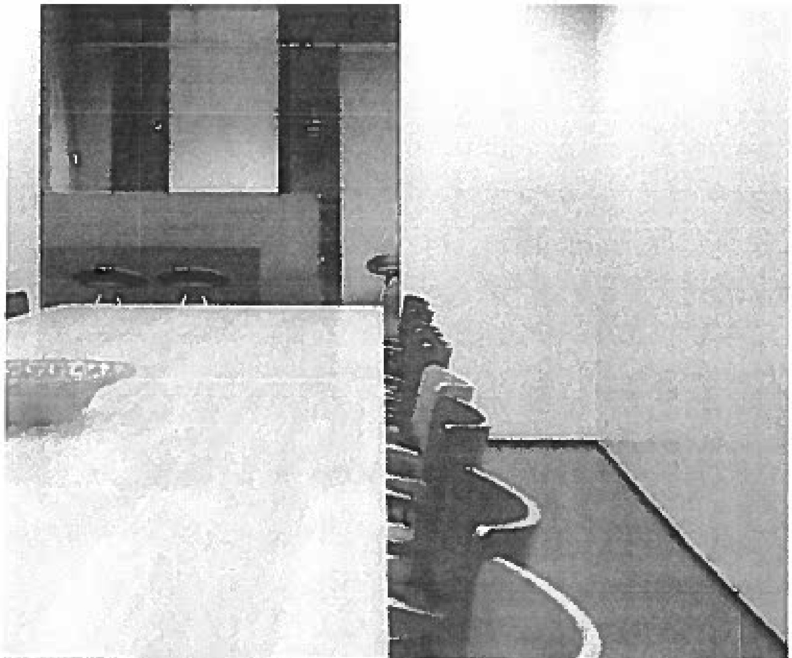
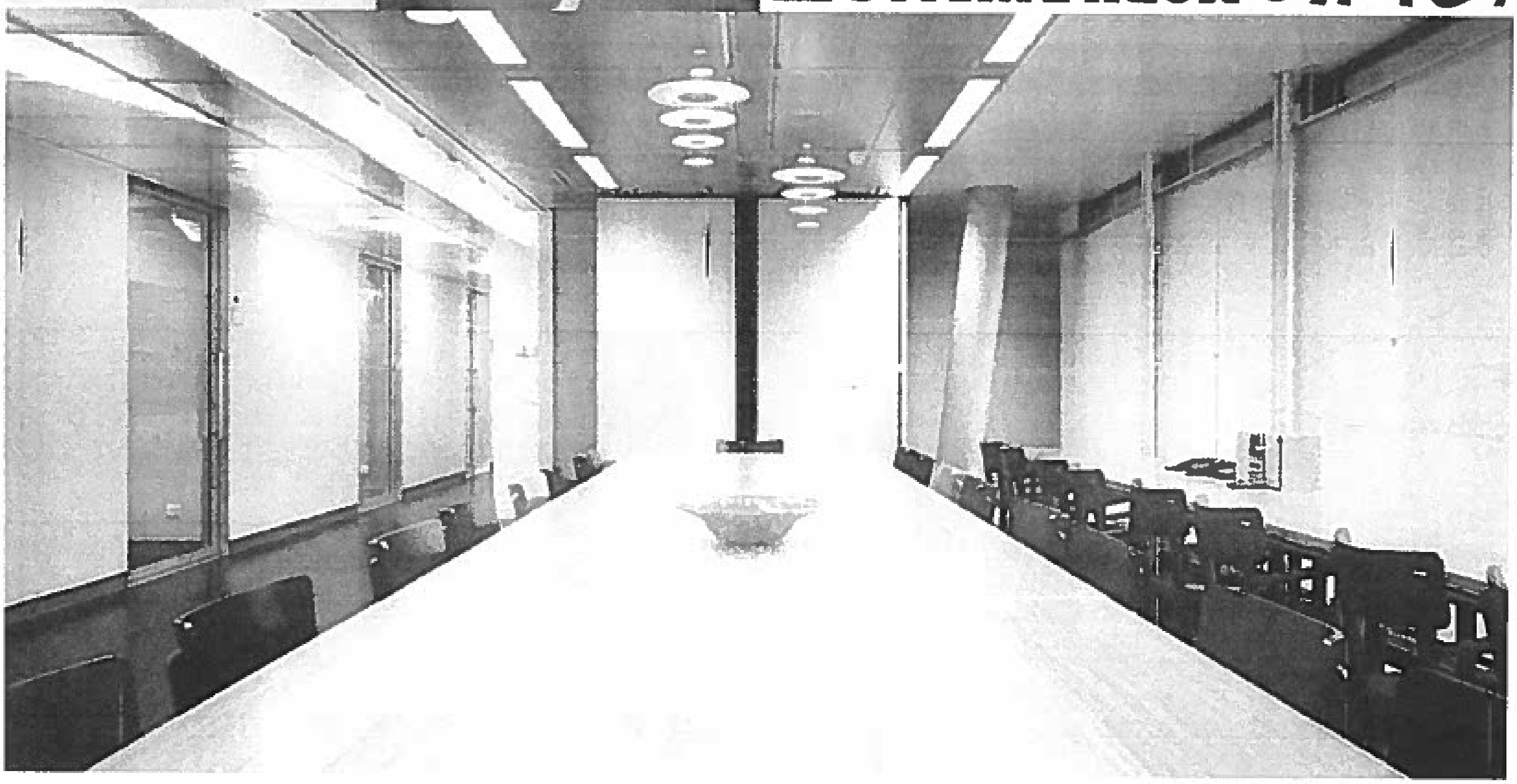


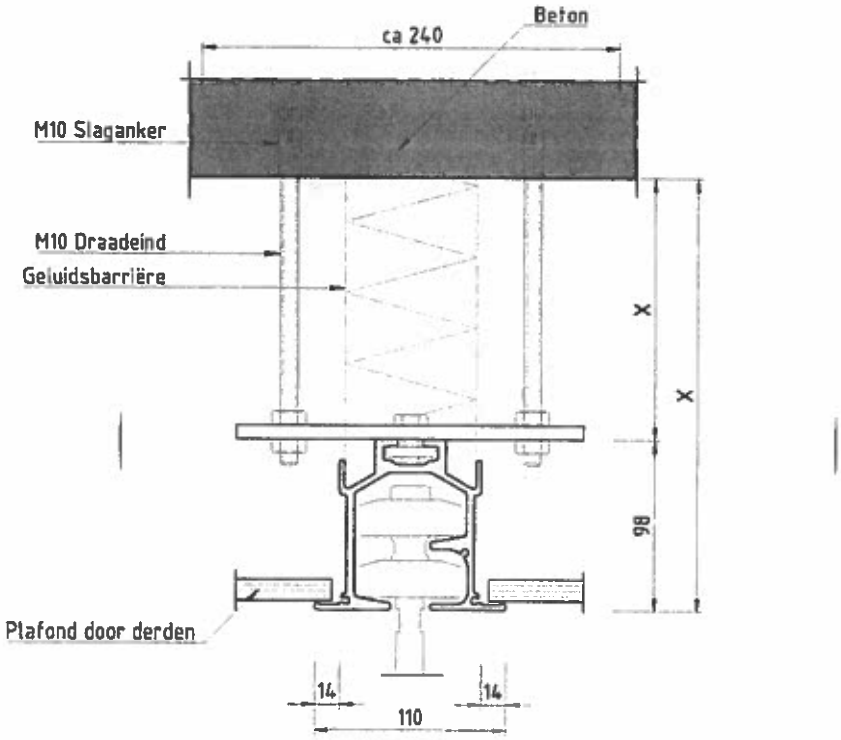
MOBILE WALLS



ALLIED™

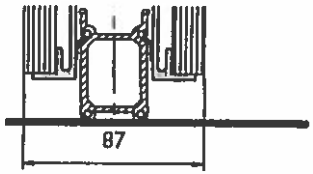
Allied Workspace
Tolka Valley Business Park
Ballyboggan Road
Glasnevin

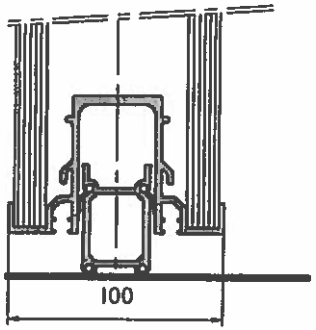
T 01 8532222
F 01 8603013
E info@allied.ie

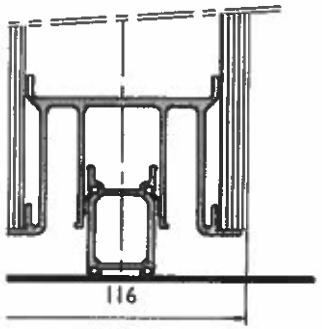


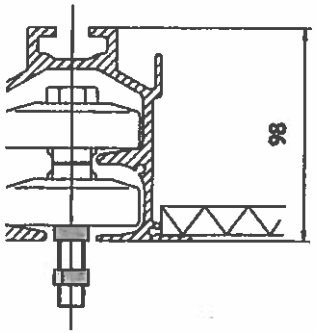
Afhanging aan beton met plafond

ESPERO Espero BV Postbus 576 5140 AN Waalwijk	Railsysteem: 2-punts	
	Datum: 17-09-13	Tekening nr: 2.06









if a design requirement falls outside of Espero's comprehensive range and vast experience the R&D-department will create the product to suit the client's specification.

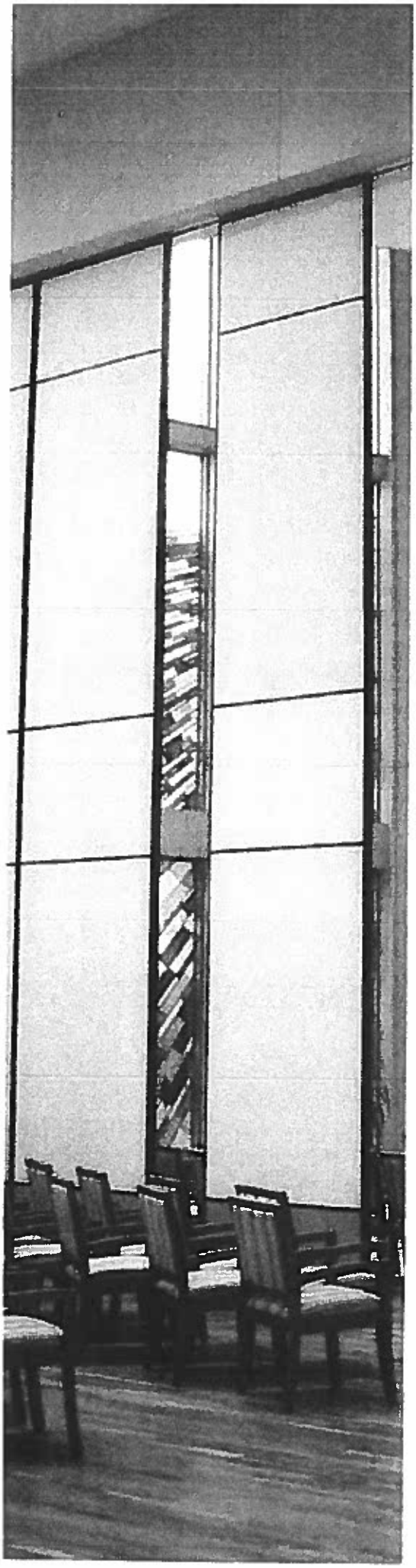
Besides the Sonico range Espero offers three other product ranges:

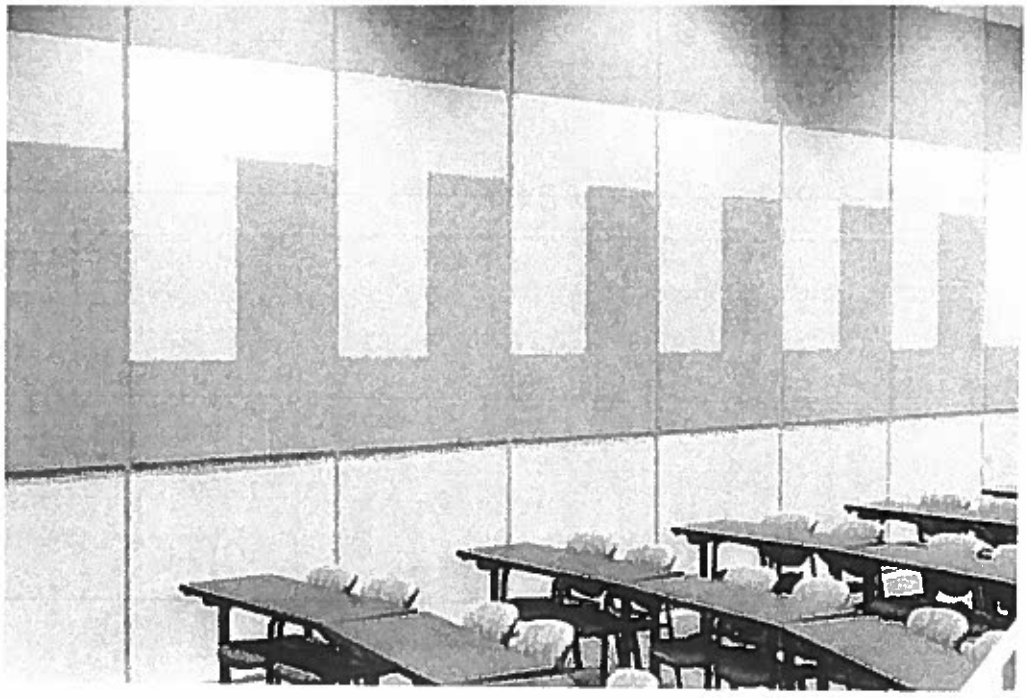
- Visio and Visio 85 mobile glass walls
- Flexio flat-folding walls
- Uno and Duplo folding walls

For brochures on the above mentioned products, technical data sheets, drawings and/or a lists of references please contact Espero or visit the Espero website at *www.espero.net*

Techn. specifications	**Type 85**	**Type 100**	**Type 110**
Sound Insulation dB (Rw)			
lab. value	37/42	39/46/50	37/41/45/50/53
Width in mm.	87	100	116
Weight kg/m2	30/45	35/55	36/60
Max. panel height in mm.	5000	13000	7000
For all types:			
Max. width of opening	Limitless		
Panel width in mm.	550-1250		
Sealing pressure	0,4 KN		
Rail system	< 400 kg per panel: aluminium > 400 kg per panel: steel		

Other panel sizes and values possible by request.

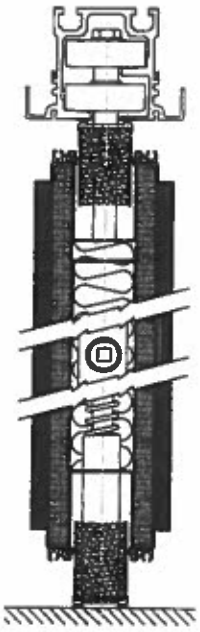




AUSSI AGRÉABLES POUR LES YEUX QUE POUR LES OREILLES

CLOISONS PERFORMANCE PLUS

SÉRIE 5700 - PANNEAUX EN PAIRES
SÉRIE 5800 - PANNEAUX INDIVIDUELS



UNIQUES À CORFLEX

Le bruit n'est pas juste une histoire de volume. Lorsqu'un environnement de travail calme et apaisant est essentiel aux activités, les cloisons Performance Plus assurent un confort acoustique sans égal en contrôlant le principal irritant: la réverbération du son.

LE TRAITEMENT ACOUSTIQUE LE PLUS ÉVOLUÉ QUI SOIT

Les cloisons Performance Plus offrent un traitement acoustique intégré à même leur composition, permettant de bien gérer la réverbération et la propagation du son. Ce système de traitement acoustique offre une résistance accrue aux chocs et aux impacts.

LIBERTÉ ESTHÉTIQUE

Les cloisons Performance Plus offrent une surface continue pouvant être rehaussée d'un choix incomparable de finis et de textures, devenant ainsi un élément architectural de votre design et créant un espace de travail performant.

PERFORMANCE

Ayant un CTS de 54 et un minimum NRC de .60, cette cloison offre un rendement inégalé sur le marché.

EXEMPLES D'APPLICATIONS :
AUDITORIUMS, SALLES DE CONFÉRENCE, LOCAUX DE RÉPÉTITION

L'INGÉNIERIE AU SERVICE DE L'ESPACE

Après plus de 20 ans de R&D et notre partenariat technologique avec Hufcor International, Corflex est fier d'offrir les systèmes de rails et chariots les plus évolués qui soient.

PROTÈGE-PLAFOND DE QUALITÉ ARCHITECTURALE
Intégré au rail, le protège-plafond réduit la friction et accroît la durabilité pour un maximum de solidité.

ALUMINIUM TREMPÉ ET ANODISÉ
Matériau qui accroît la fiabilité du système et requiert peu d'entretien.

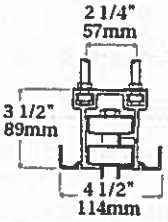
CONCEPTION MONOBLOC
Élément structurel accru qui augmente la stabilité.

CHARIOTS SUR ROULEMENTS À BILLES
Unités scellées et testées pour une meilleure durabilité.

UNE GAMME COMPLÈTE DE RAILS ET CHARIOTS PERMETTANT DES CONFIGURATIONS ÉVOLUÉES ET UNIQUES

RAILS ET SUSPENSIONS

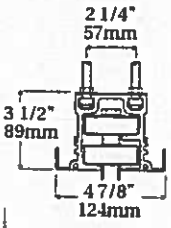
SYSTÈME DE RAIL SUPER OMNI 26



Panneaux individuels

Poids maximum par panneau: 500 lb (227 kg)

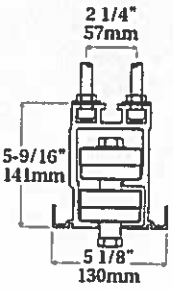
SYSTÈME DE RAIL SUPER OMNI 36



Panneaux individuels

Poids maximum par panneau: 1 000 lb (455 kg)

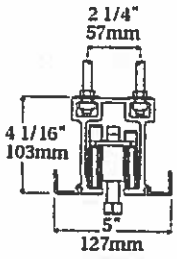
SYSTÈME DE RAIL SUPER OMNI 57



Panneaux individuels

Poids maximum par panneau: 1 500 lb (682 kg)

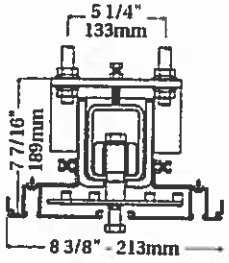
SYSTÈME DE RAIL COURBE 28



Panneaux individuels

Poids maximum par panneau: 1 200 lb (545 kg)

SYSTÈME DE RAIL COURBE 11

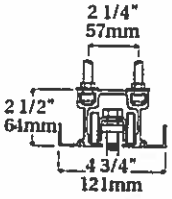


Panneaux individuels

Acier

Poids maximum par panneau: 3 000 lb (1 364 kg)

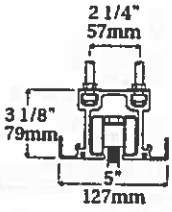
SYSTÈME DE RAIL 38



Panneaux en paires

Poids maximum par panneau: 400 lb (181 kg)

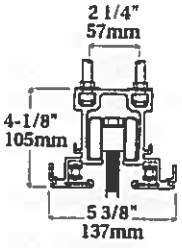
SYSTÈME DE RAIL 40



Panneaux en paires

Poids maximum par panneau: 900 lb (409 kg)

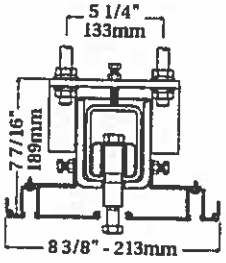
SYSTÈME DE RAIL 42



Cloisons motorisées

Poids maximum par panneau: 900 lb (409 kg)

SYSTÈME DE RAIL 11



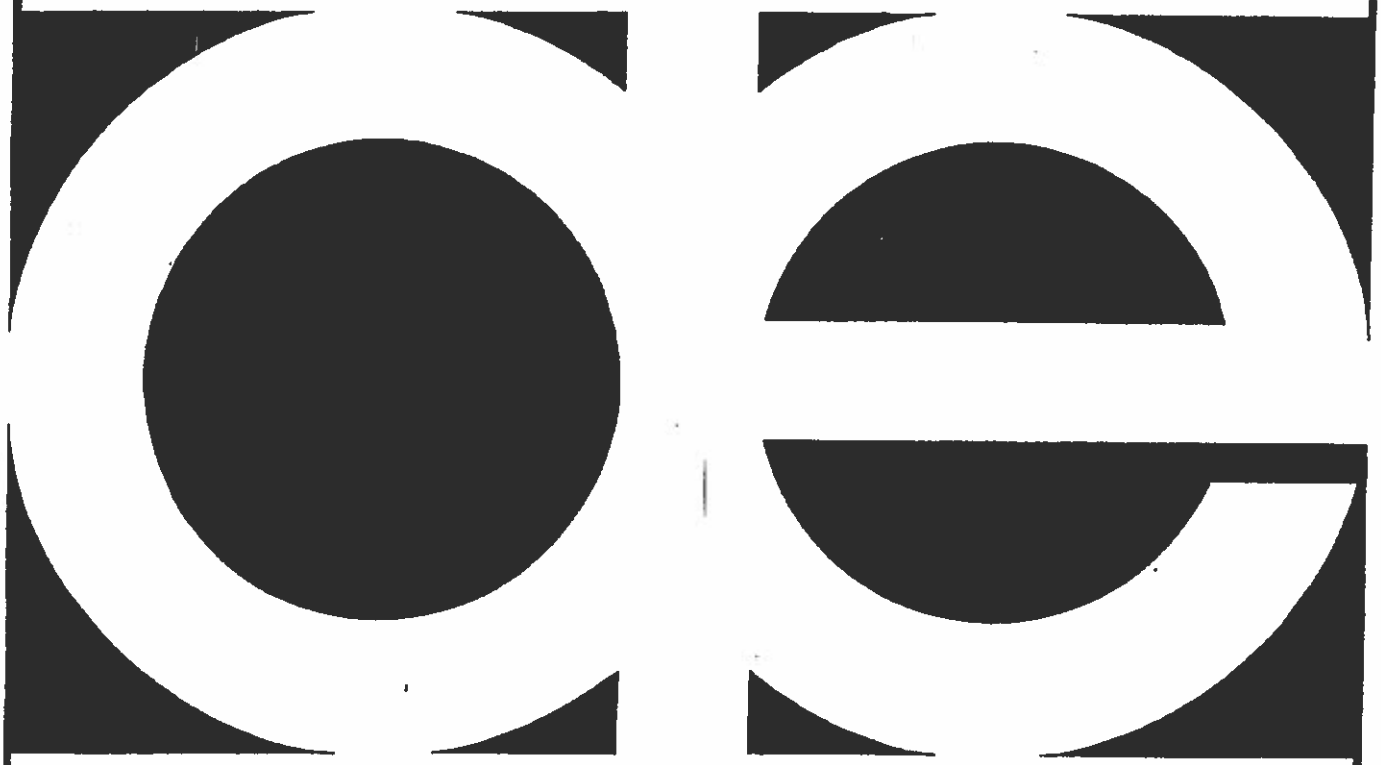
Cloisons motorisées

Acier

Poids maximum par panneau: 1 750 lb (795 kg)

DES POSSIBILITÉS DE CONFIGURATIONS INFINIES

Tous les rails et chariots ont été rigoureusement testés afin d'assurer une fiabilité inégalée.



advanced® equipment

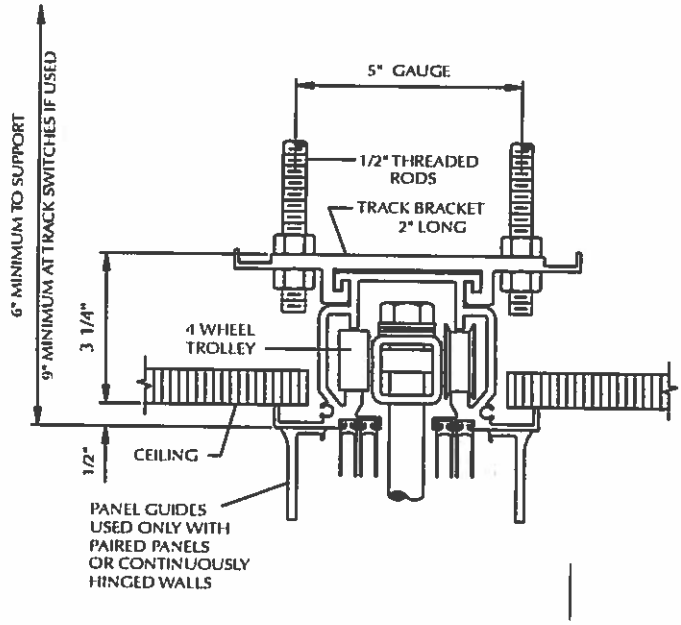
CORPORATION

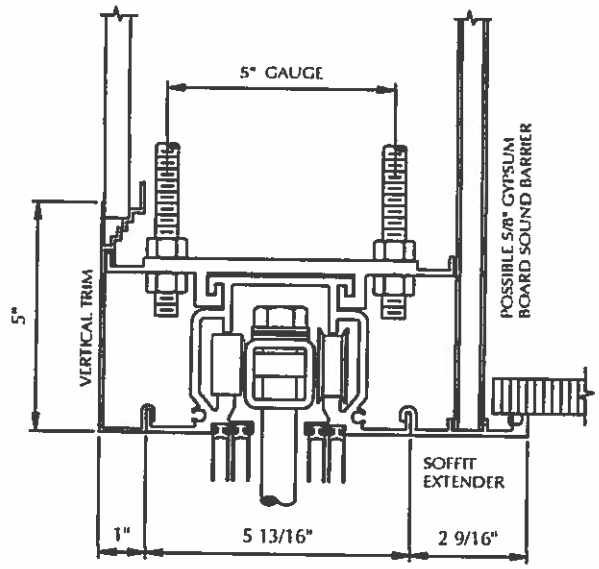
MAINTENANCE MANUAL

2401 West Commonwealth Avenue • Fullerton, CA 92833 • (714) 635-5350 • FAX (714) 525-6083

FORM 2007 (5/97)

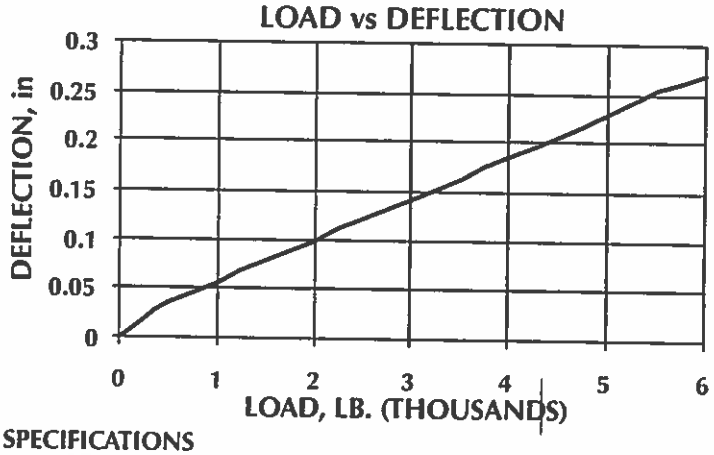
1 TRACK | CONTINUOUS ALUMINUM TRACK





#1 track may be used for straight runs with paired panels, remotely-stored individual panels, or continuously hinged electric walls (see page 24).

Maximum trolley load is 800 pounds.

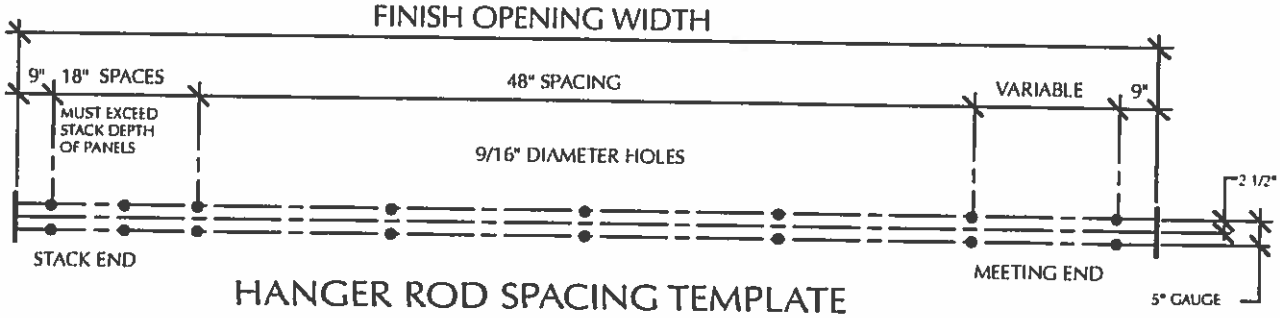


SPECIFICATIONS

Suspension system shall include Advanced #1 aluminum alloy track incorporating soffit trim and seal retainers. Track brackets interlock top flange and attach to structure with pairs of 1/2 inch diameter steel hanger rods. Approximate weight of track assembly is 7.5#/Lin. Ft.

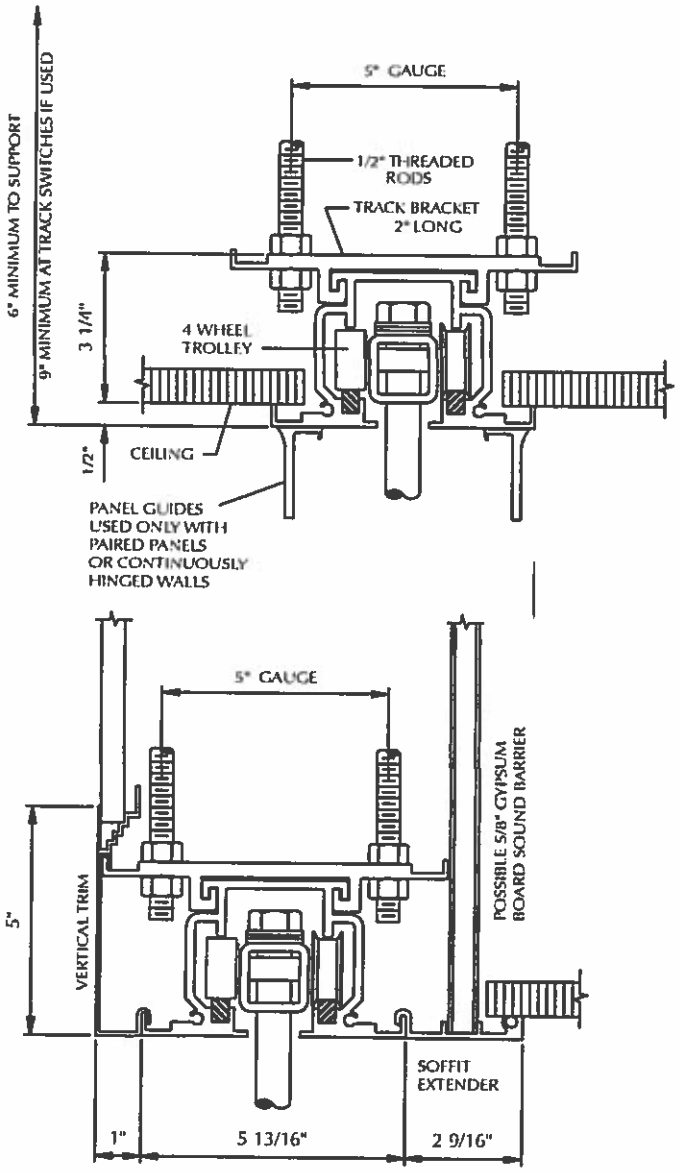
TRACK: Track shall have minimum 6 inch-to-the-fourth moment of inertia. Provide test report from nationally recognized independent laboratory showing track/trolley/bracket/hanger rod assembly sustains a load of 6,000 pounds at mid point of 36 inch simple span without damage.

TROLLEYS: Trolleys to have four all-steel wheels 1 5/16 inch diameter with shielded and prelubricated ball bearings. Wheels to be independently replaceable. Pendant bolt to be 3/4 inch diameter and attach to panel through a steel plate mounted internally within panel frame. Individual trolley capacity is 800 pounds.



HANGER ROD SPACING TEMPLATE

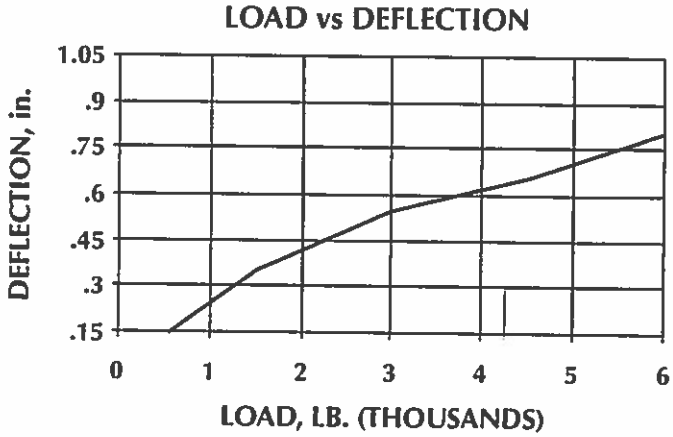
1A|TRACK| SUPERTRACK
COMPOSITE TRACK
SOLID STEEL RUNNING SURFACE



#1A track may be used for straight runs with paired panels, remotely-stored individual panels, or continuously hinged electric walls (see page 25).

5 YEAR LIMITED WARRANTY

Maximum trolley load is 900 pounds.

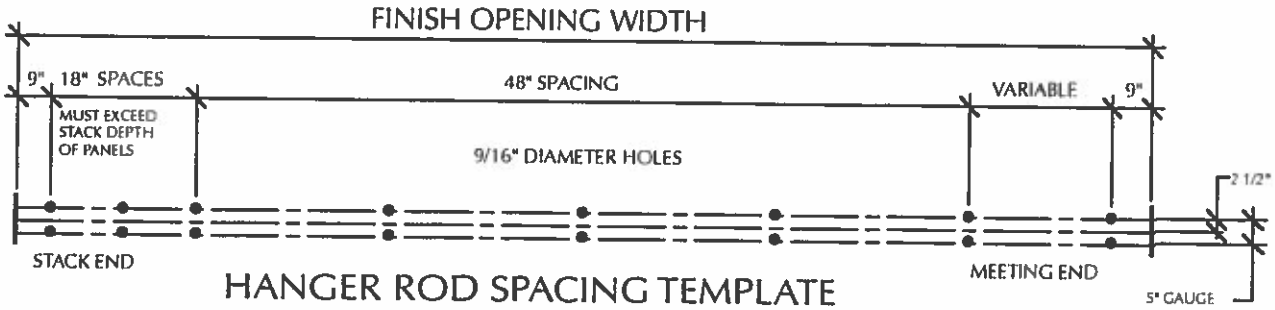


SPECIFICATIONS

Suspension system shall include Advanced #1A composite aluminum alloy track with zinc-plated solid steel running surfaces. Track brackets interlock top flange and attach to structure with pairs of 1/2 inch diameter steel hanger rods. Approximate weight of track assembly is 8.0#/Lin. Ft.

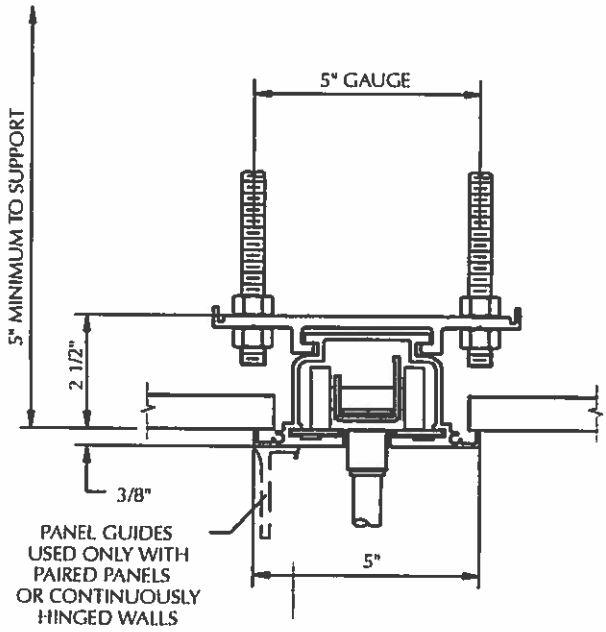
TRACK: Track shall have minimum 6 inch-to-the-fourth moment of inertia. Provide test report from nationally recognized independent laboratory showing track/trolley/bracket/hanger rod assembly sustains a load of 6,000 pounds at mid point of 48 inch simple span without damage.

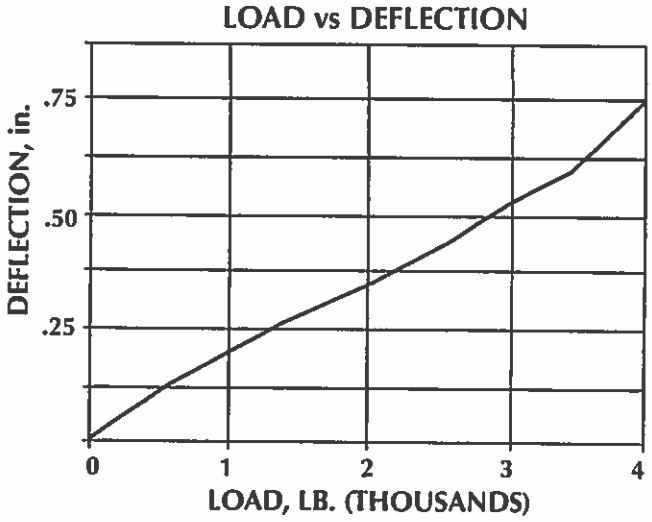
TROLLEYS: Trolleys to have four all-steel wheels 1 5/16 inch diameter with radial and thrust type roller bearings, shielded and pre-lubricated. Wheels to be independently replaceable and capable of re-lubrication. Pendant bolt to be 3/4 inch diameter and attach to panel through a steel plate mounted internally within panel frame. Individual trolley capacity is 900 pounds.



HANGER ROD SPACING TEMPLATE

2|TRACK| COMPOSITE TRACK STEEL RUNNING SURFACE





2 YEAR WARRANTY

#2 Track is intended for straight runs with paired panels, or using curves, "y"s, or switches for remotely stored INDIVIDUAL panels.

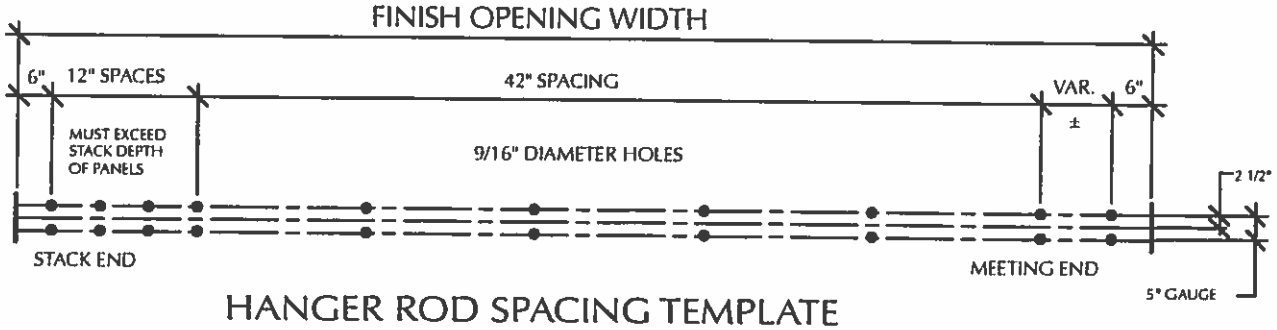
For use with Panels not exceeding 20′ in height.

Maximum trolley load is 600 pounds.

SPECIFICATIONS: Suspension system shall include Advanced #2 composite track consisting of extruded aluminum case and steel running surface. Aluminum alloy track brackets shall interlock with top flange of track and be spaced to limit local track deflection to 0.09 inches. Bracket spacing not to exceed 48" O.C. Brackets attach to structure with pairs of ½ inch diameter steel hanger rods. Approximate weight of track is 6.0 #/Lin. Ft.

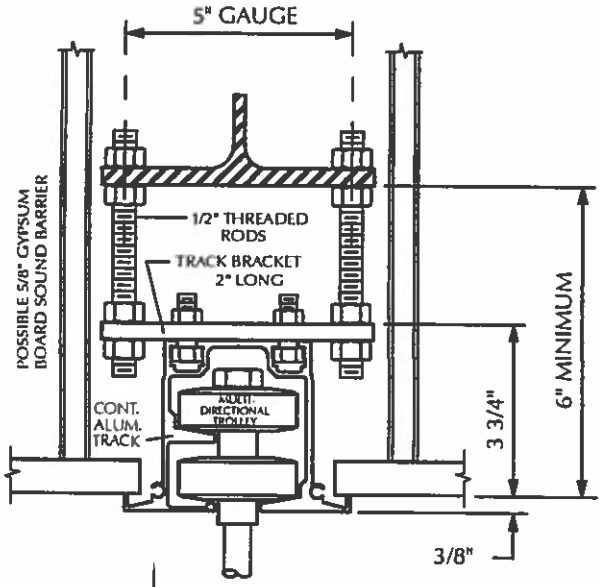
TRACK: Track shall have minimum of 2.07 inch-to-the-fourth Moment of Inertia. Independet testing laboratory results shall be supplied to the architect upon request showing that a track/trolley/bracket/hanger rod assembly sustains a load of 3,000 pounds at mid-point of 42-inch simple span without damage.

TROLLEYS: Trolleys to have four all-steel wheels with sealed pre-lubricated ball bearings. Pendant bolt to be steel with minimum 5/8" diameter and attached to panel through a steel plate mounted internally within panel frame. Individual trolley capacity is 600 pounds.



HANGER ROD SPACING TEMPLATE

3|TRACK| OMNI-DIRECTIONAL



Using multi-directional ball bearing trolleys, this system is capable of universal movement throughout the track system without the use of radius turns or switching mechanism.

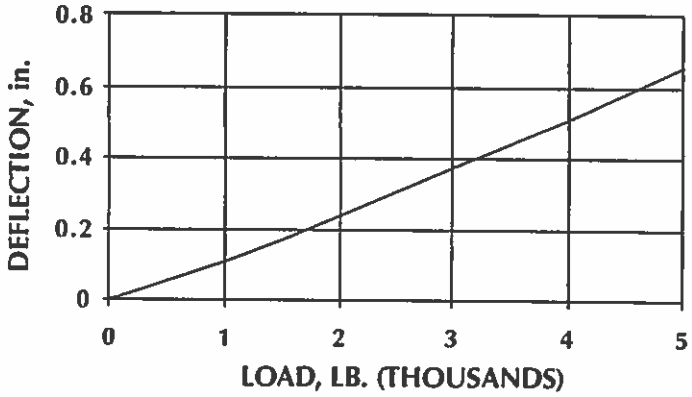
As is typical of right angle and sharp angle track systems, it is necessary for the operator to consciously "steer" the panel to the proper direction at all intersections. Thought must be given to avoid reversing panels or placing panels in the wrong sequence.

This track system is for manual individual (opera tion) panels, each with two trolleys.

Maximum trolley load is 400 pounds.

For use with panels not exceeding 16' in height.

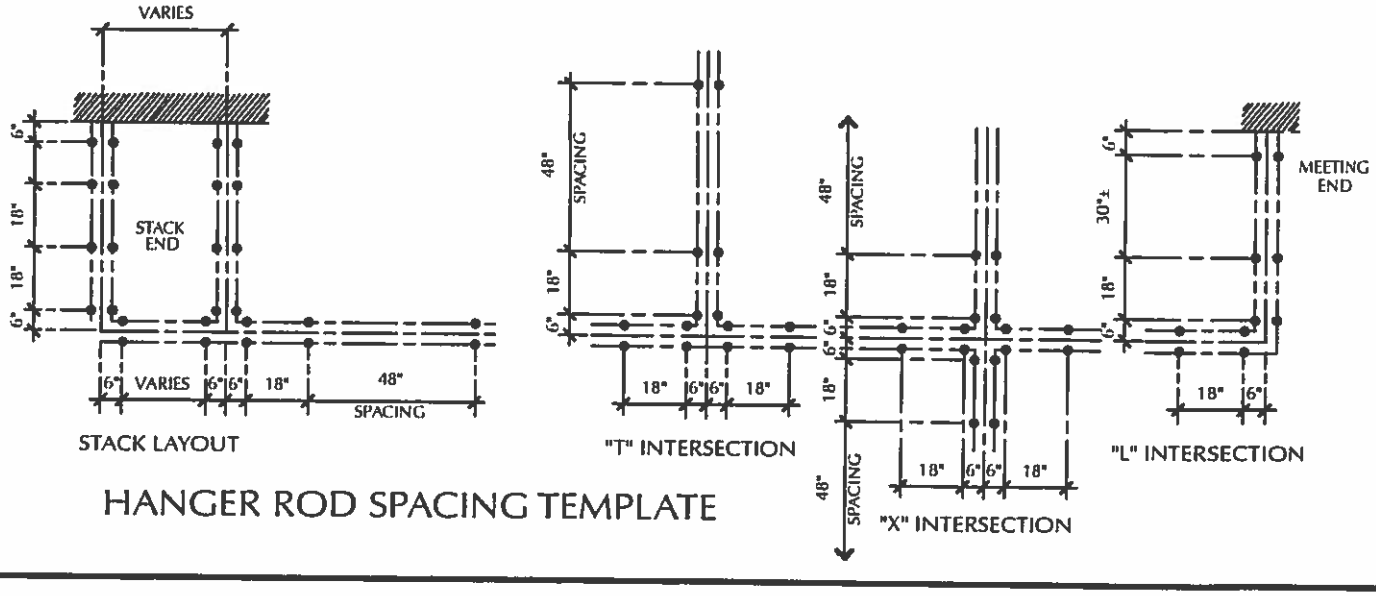
LOAD vs DEFLECTION



SPECIFICATIONS

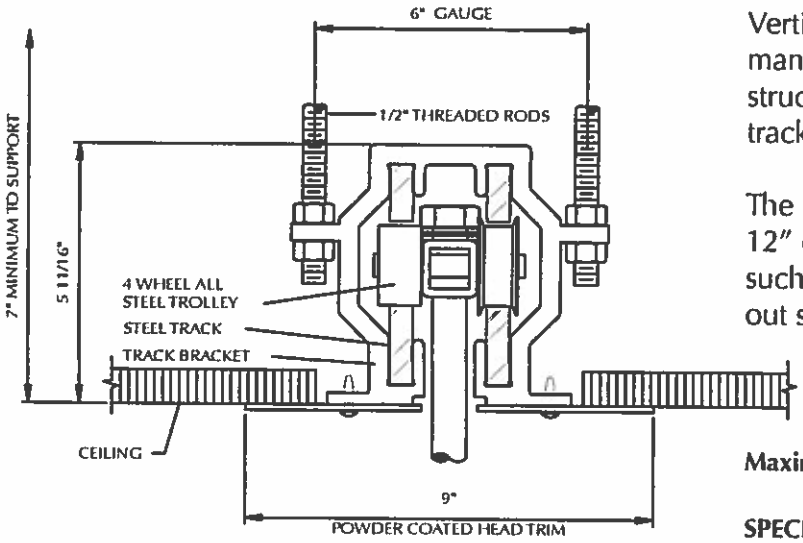
TRACK: Top track shall be Advanced #3 aluminum alloy track incorporating soffit trim. Joints aligned by concealed steel dowels, intersections welded. Suspension brackets bolted to top portion of track. Brackets spaced 2'-0" o.c. maximum in stack area and 5'-0" o.c. maximum elsewhere. Track assembly weight approximately 7.5#/Lin. Ft.

TROLLEYS: Individual panels top supported by two trolleys. Trolleys shall each have two ball bearing wheels and attach to panel with 5/8" diameter pendant bolt. Each panel shall be capable of negotiating any angular turn or intersection, including 90° degree turns at "L", "T" and "X" intersections of the supporting track. Individual trolley capacity is 400 pounds.



HANGER ROD SPACING TEMPLATE

4|TRACK| VERTICAL STEEL



MANUAL

Vertical steel track is to be used only for curved walls, manual or electric. Smooth operation and rigid construction allows the designer freedom to make the track system fit the building.

The radius to the track centerline may be as small as 12" on curves. Certain changes in track direction, such as a "Y" intersection may be accomplished without switches.

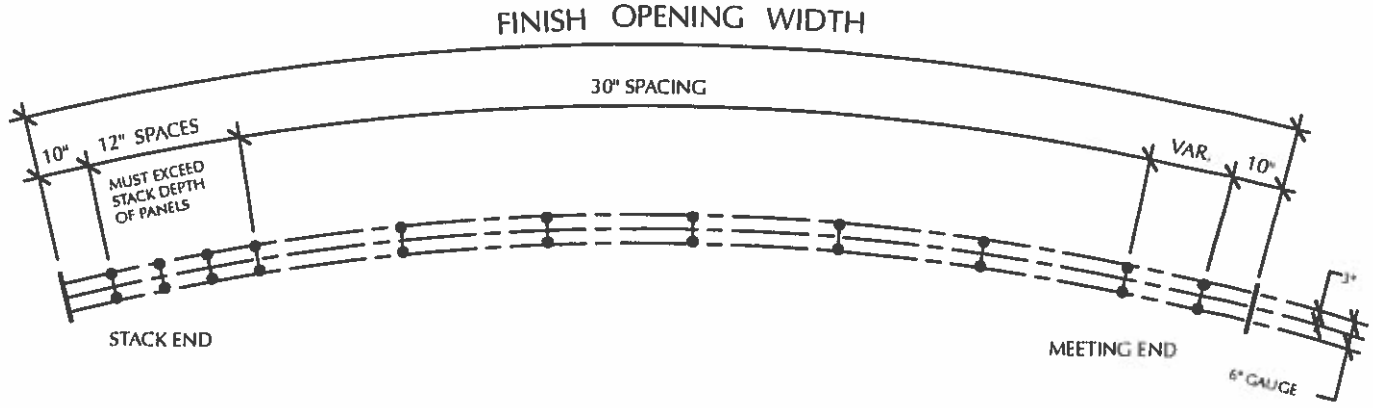
Maximum trolley load is 1,500 pounds.

SPECIFICATIONS

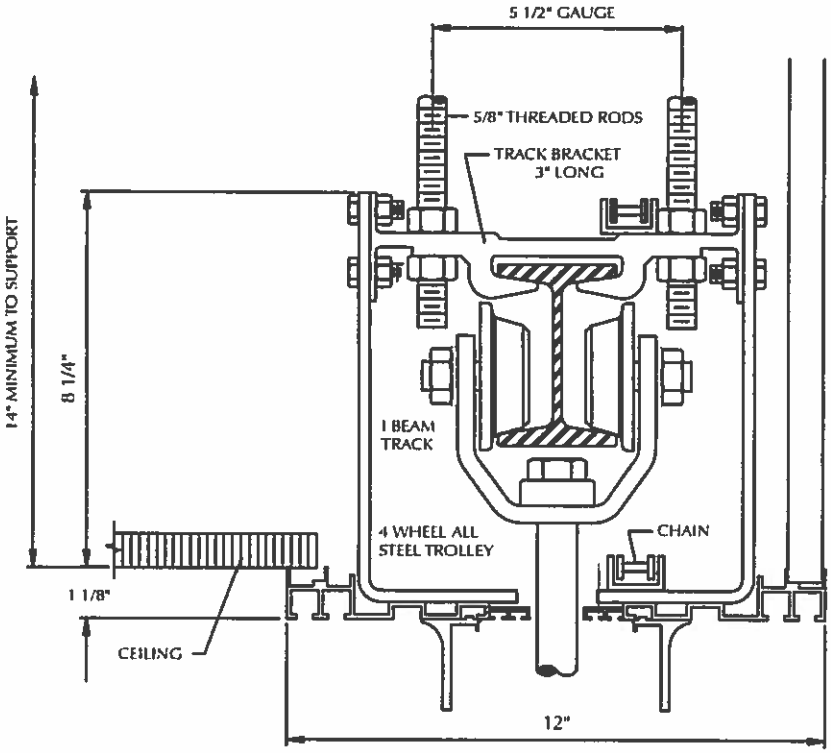
TRACK: Top track shall consist of two ½" x 1¼" and two ½" x 1¾" HR steel bars. Track members are to be zinc plated. Track brackets are 6063-T6 aluminum alloy, 3" long and located on 42" centers maximum, except over stacking area where spacing will be 18" O.C. maximum. Steel bar track shall be secured in the track bracket recess by means of 3/16" diameter spring pins acting in double shear. Independent testing laboratory results shall be supplied to the architect upon request showing that an assembly of hanger rod/track bracket/track/trolley sustains, without damage, a load of 5,000 pounds applied to trolley pendant bolt with trolley positioned in track at mid-point of 30" span between brackets.

Track assembly weight approximately 15#/Lin. Ft.

TROLLEYS: Trolleys shall have four all-steel wheels, 1¾" tread diameter, with radial and thrust type roller bearings and two thrust bearings. Roller bearings shall be precision ground, solid-race type, equipped with roller retainers, sealed and pre-lubricated. Bearings and wheels are to be independently replaceable and capable of re-lubrication. Pendant bolt shall be ¾" diameter and attach to panel through a steel plate mounted internally within the panel frame. Individual trolley capacity is 1,500 pounds.



5|TRACK| 4" STEEL "I" BEAM



10 YEAR LIMITED WARRANTY

When maximum trolley load exceeds 900# for electrically operated walls, #5 or #8b track is utilized. Designed for medium to large size areas such as banquet facilities, meeting rooms, multi-purpose rooms, gymnasiums, and auditoriums where maximum trolley load is 1800 pounds.

This system has been proven for over 30 years for quick, easy and dependable operation with the use of roller chain drive developed by A.E.C.

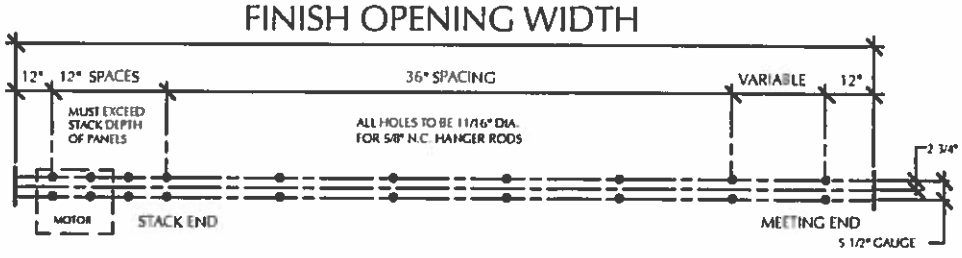
Maximum trolley load is 1,800 pounds.

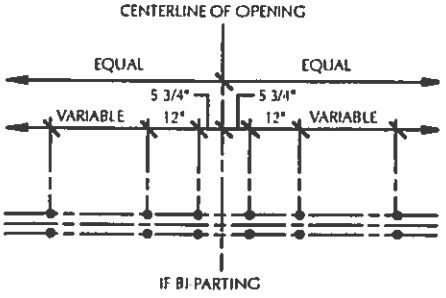
SPECIFICATIONS

TRACK: The track shall consist of a steel beam track with ground running surfaces. Track and all ferrous metal parts shall have shop applied rust inhibiting primer. Brackets shall be spaced to limit the track deflection to 0.09 inches due to applied trolley loads, but in no case greater than 5'-0" on center. Brackets over stacking area shall have maximum spacing of 2'-0" on center. Minimum section modulus shall be 3" cubed. Weight of track assembly approximately 15#/Lin. Ft.

TROLLEYS: Panels shall be supported by four-wheel trolley assemblies, of all-steel construction, with 2 1/2" tread diameter flange wheels. Trolley ball bearings shall be precision ground, solid race type, equipped with ball retainers, double shielded, pre-lubricated with provision for relubrication. Trolley pendant bolt diameter shall be 3/4" minimum, and shall be attached to the panel utilizing steel reinforcing plates internally mounted above and below the top panel frame rail. Individual trolley capacity is 1800 pounds.

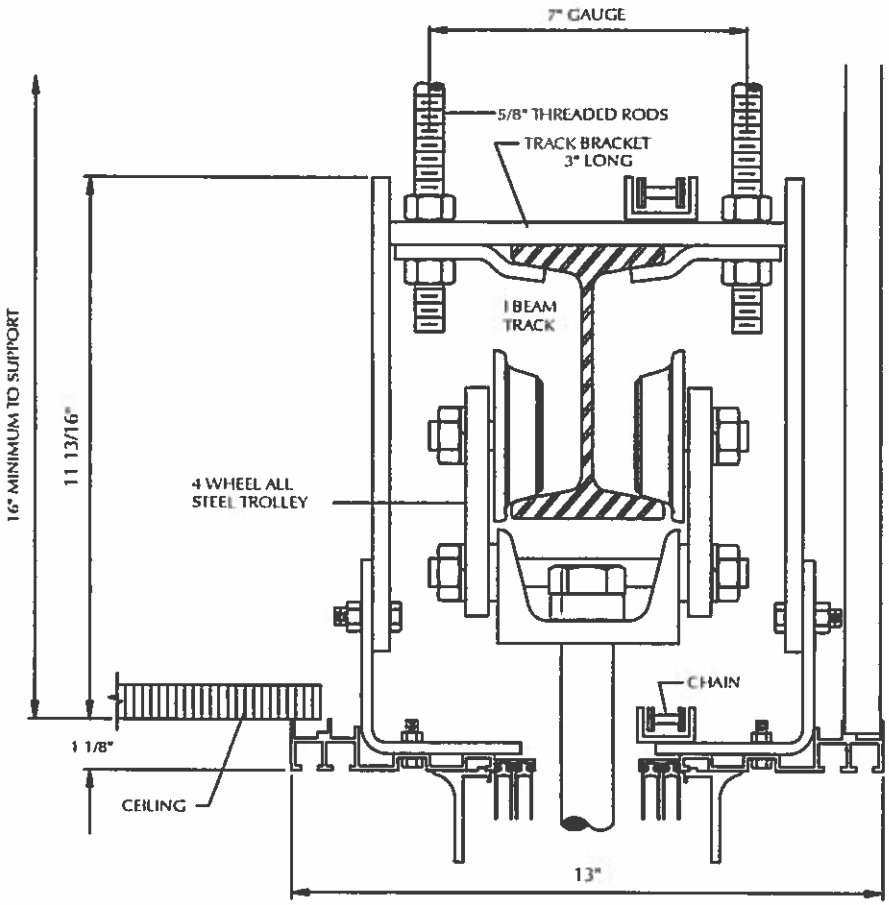
ELECTRO-MECHANICAL EQUIPMENT: 208/240 volt, 3 phase electric operator designed to move the partition at approximately 24 FPM, with overload protection, and gears operating in an oil bath. Motor controls, limit switches, clutch, motor mounted brake, roller chain drive, sprockets interlock switch, key control switch located as shown on plans, and all other necessary operating equipment shall be provided. Cable drive will not be permitted. Control circuits shall be 24 volt. Brake must be provide to prevent "coasting" and ensure repeatable and accurate travel limits.





HANGER ROD SPACING TEMPLATE

6|TRACK| 6" STEEL "I" BEAM



10 YEAR LIMITED WARRANTY

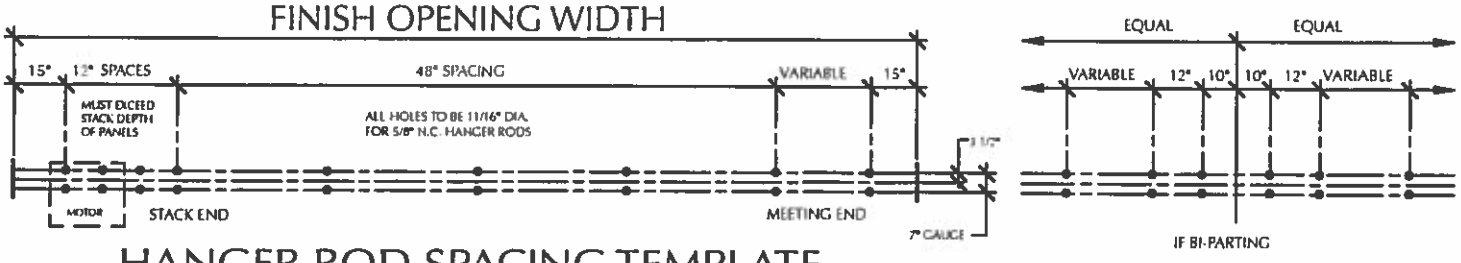
Maximum trolley load is 6,000 pounds.

SPECIFICATIONS

TRACK: The top track shall consist of a steel beam track with ground running surfaces. Track and all ferrous metal parts shall have shop applied rust inhibitive primer. Brackets shall be spaced to limit the track deflection to 0.09 inches due to applied trolley loads, but in no case greater than 5'-0" on center. Brackets over stacking area shall have maximum spacing of 2'-0" on center. Minimum section modulus shall be 7.1 inches cubed. Weight of top track assembly approximately 20#/lin. ft.

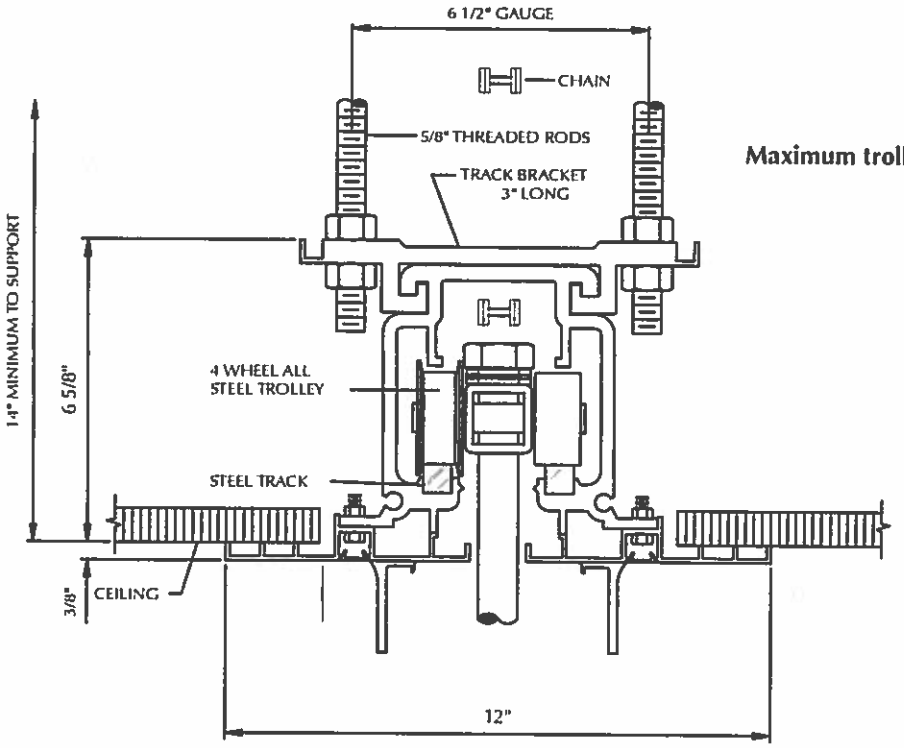
TROLLEYS: Panels shall be supported by four-wheel trolley assemblies, of all-steel construction, with 3" tread diameter flange wheels. Trolley ball bearings shall be precision ground, solid-race type, equipped with ball retainers, double shielded, pre-lubricated with provision for relubrication. Trolley pendant bolt diameter shall be 1" minimum, and shall be attached to the panel utilizing steel reinforcing plates internally mounted above and below the top panel frame rail. Individual trolley capacity is 6,000 pounds.

ELECTRO-MECHANICAL EQUIPMENT: 208/240 volt, 3 phase electric operator designed to move the partition at approximately 24 FPM, with overload protection, and gears operating in an oil bath. Motor controls, limit switches, clutch, motor mounted brake, roller chain drive, sprockets, interlock switch, key control switch located as shown on plans, and all other necessary operating equipment shall be provided. Cable drive will not be permitted. Control circuits shall be 24 volt. Brake must be provided to prevent "coasting" and ensure repeatable and accurate travel limits.



HANGER ROD SPACING TEMPLATE

8|TRACK| SUPERTRACK
COMPOSITE TRACK
SOLID STEEL RUNNING SURFACE®

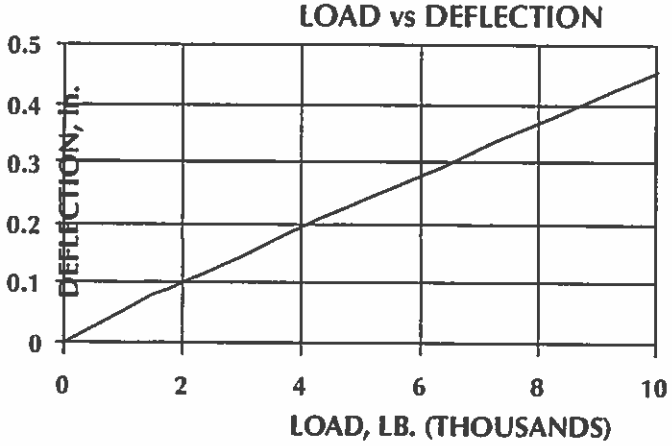


Maximum trolley load is 1,700 pounds.

10 YEAR LIMITED WARRANTY

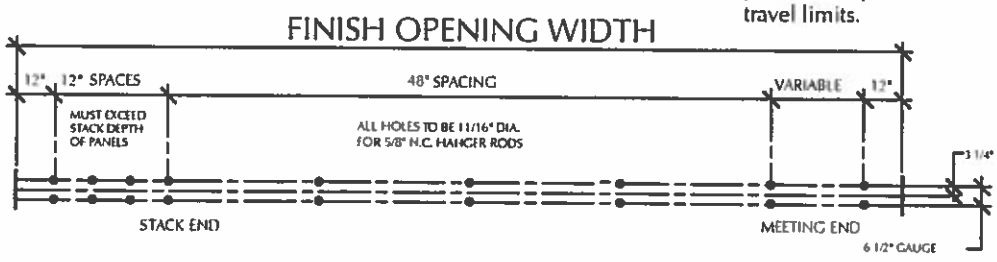
SPECIFICATIONS

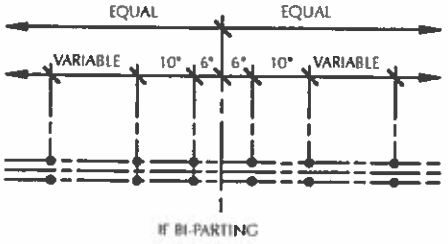
TRACK: The top track shall consist of a 6063-T6 aluminum alloy case and cold rolled steel running surfaces. Track joints shall be aligned by concealed dowels in the vicinity of the running surface. Track brackets shall be 6063-T6 which interlock with top flange of the track. Hanger rods shall be 5/8" or greater in diameter. Brackets shall be spaced to limit the track deflection to 0.08 inches due to applied trolley loads, but in no case greater than 7'-6" on center. Brackets over stacking area shall have a maximum spacing of 2'-6" on center. Independent testing laboratory results shall be supplied to the architect upon request showing that a single track bracket assembly with a section of track shall be capable of supporting a load of 10,000 pounds without permanent deformation, and a 10,000 pound concentrated load at mid- span without permanent deformation @ 7'-6" span. Weight of top track assembly approximately 13.5#/lin. ft.



TROLLEYS: Panels shall be supported by four-wheel trolley assemblies, of all steel construction, with 2" tread diameter wheels. Trolley roller bearings shall be precision ground, solid-race type, equipped with roller retainers, sealed, pre-lubricated and designed for a minimum service life of 1000 hours of operation at maximum loads. Trolley pendant bolt diameter shall be 7/8" minimum, and shall be attached to the panel through a steel plate mounted internally within the panel frame. Individual trolley capacity is 1,700 pounds.

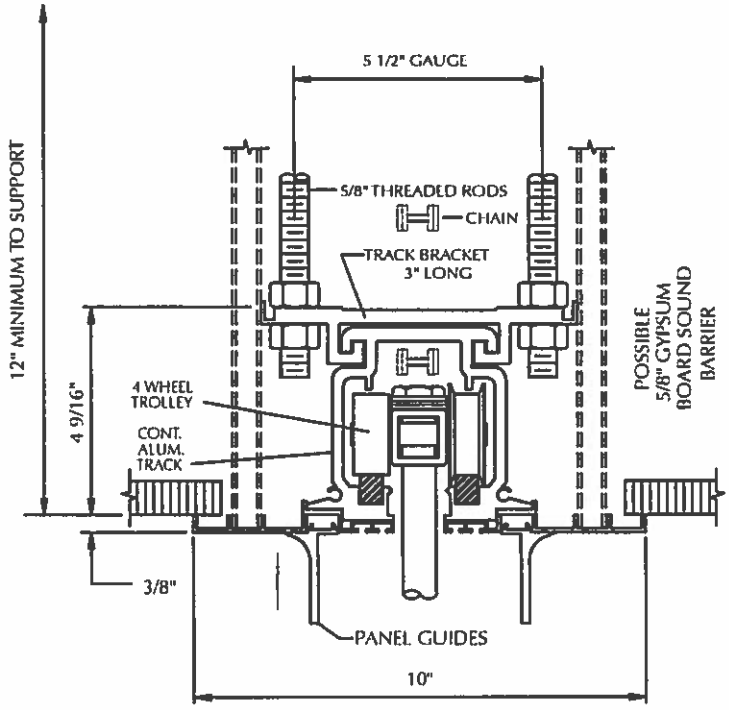
ELECTRO-MECHANICAL EQUIPMENT: 208/240 volt, 3 phase electric operator designed to move the partition at approximately 24 FPM, with overload protection, and gears operating in an oil bath. Motor controls, limit switches, clutch, motor mounted brake, roller chain drive, sprockets, interlock switch, key control switch located as shown on plans, and all other necessary operating equipment shall be provided. Cable drive will not be permitted. Control circuits shall be 24 volt. Brake must be provided to prevent "coasting" and ensure repeatable and accurate travel limits.





HANGER ROD SPACING TEMPLATE

8B|TRACK| SUPERTRACK COMPOSITE TRACK SOLID STEEL RUNNING SURFACE



#8B track is one of several track systems suitable for electric operation. Selection is based on loads.

10 YEAR LIMITED WARRANTY

Maximum trolley load is 1,500 pounds.

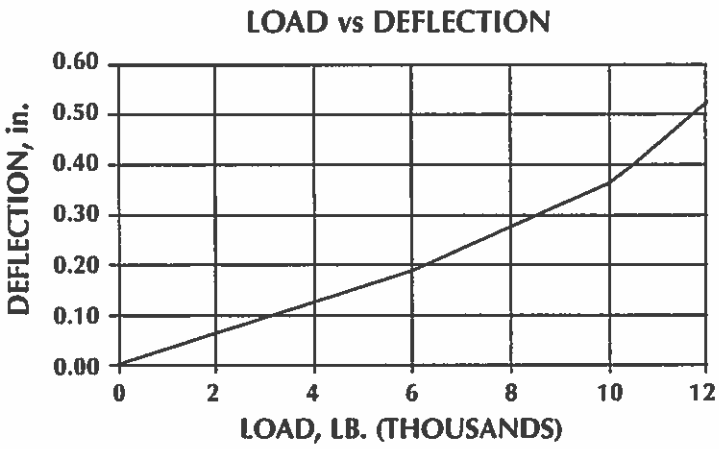
SPECIFICATIONS

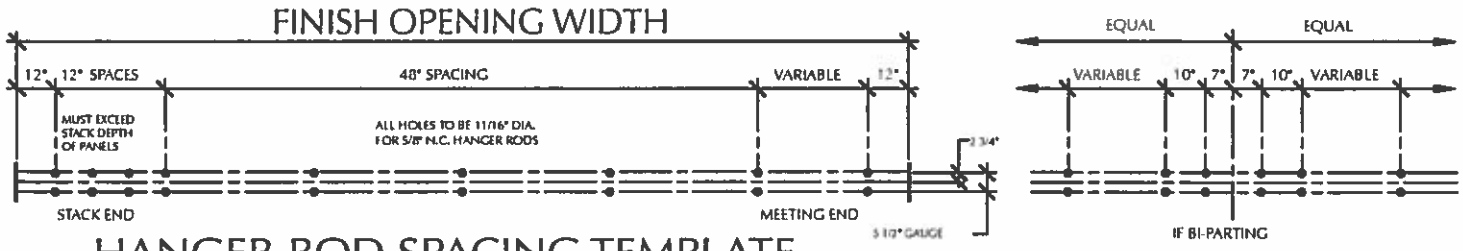
Suspension system shall include Advanced #8B composite aluminum alloy track with zinc-plated solid steel running surfaces. Track brackets interlock top flange and attach to structure with pairs of 5/8 inch diameter steel hanger rods. Approximate weight of track assembly is 13.0#/Lin. Ft.

TRACK: Track shall have minimum 12 inch-to-the-fourth moment of inertia. Provide test report from nationally recognized independent laboratory showing track/trolley/bracket/hanger rod assembly sustains a load of 8,000 pounds at mid point of 36 inch simple span without damage.

TROLLEYS: Trolleys to have four all-steel wheels 1 3/4-inch diameter with radial and thrust type roller bearings, shielded and pre-lubricated. Bearings and wheels to be independently replaceable and capable of re-lubrication. Pendant bolt to be 3/4 inch diameter and attach to panel through a steel plate mounted internally within panel frame. Individual trolley capacity is 1,500 pounds.

ELECTRO-MECHANICAL EQUIPMENT: 208/240V 3-phase (or 115/230V single-phase) operator designed to move the wall at approximately 24 FPM, with auto-reset overload relays, limit switches and key actuated control switch, transformer for 24V control circuits. Gears operate in oil bath. Drive shall include steel roller chain, torque limit clutch, and motor mounted electric brake. Brake must be provided to prevent "coasting" and ensure repeatable and accurate travel limits.





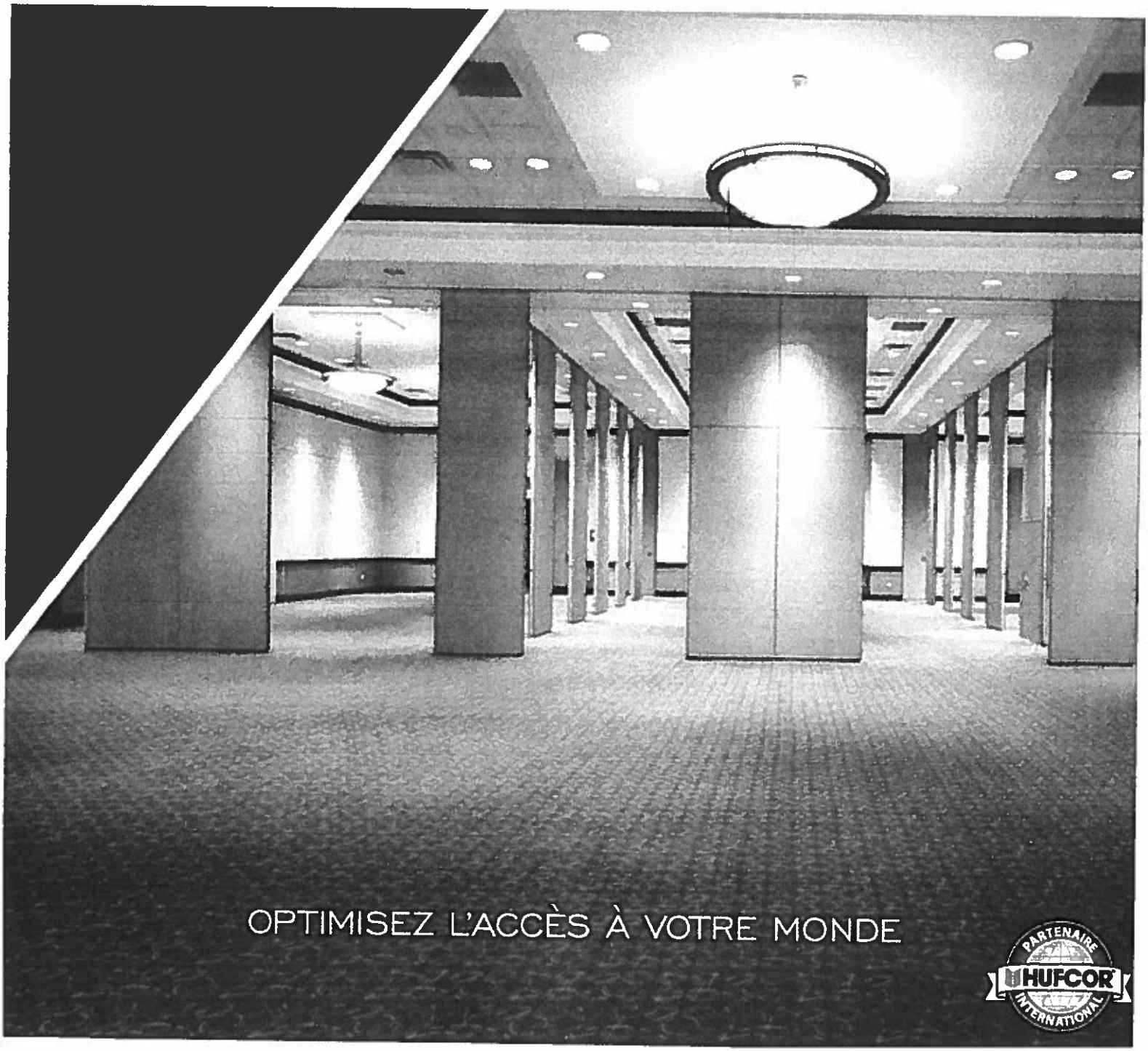
HANGER ROD SPACING TEMPLATE

CLOISONS MOBILES

DES POSSIBILITÉS DE DESIGN INFINIES

Corflex

EXPERTS EN OPTIMISATION D'ESPACE



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VOTRE RÉFÉRENCE EN
OPTIMISATION D'ESPACE

VISITEZ NOTRE SITE INTERNET POUR :

- Vous inspirer de notre galerie de réalisations
- Consulter les fiches techniques et télécharger les dessins CAD
- Faire une demande d'information auprès de notre équipe technique

Cloisons mobiles
Cloisons mobiles intérieures en verre
Cloisons mobiles extérieures en verre
Traitement acoustique
Portes accordéon
Portes accordéon coupe-feu
Fusions architecturales Surfacequest
Rideaux diviseurs
Structures autoportantes
Cloisons autolevantes
Cloisons « Bi-fold »
Portes de hangar
Grilles et volets

Pour obtenir de l'accompagnement personnalisé dès les premières étapes de votre projet d'aménagement de l'espace, communiquez sans frais avec un conseiller technique au 1 877 410.2422

VENTE ET SERVICE DANS TOUTES LES RÉGIONS AU CANADA

10, rue Poissant, Delson (Québec) Canada J5B 2J1
T : 450 444.2422 / 1 877 410.2422
F : 450 444.2441
info@corflex.ca / www.corflex.ca

CORFLEX-FR-11-2014

Corflex
EXPERTS EN OPTIMISATION D'ESPACE

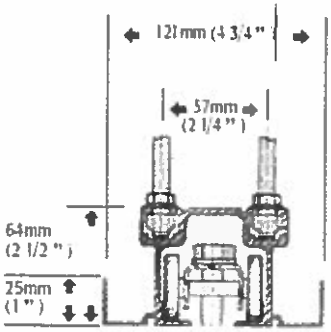
PARTENAIRE HUFCOR INTERNATIONAL

Tracks, Carriers and Suspension

Track and Carrier Type

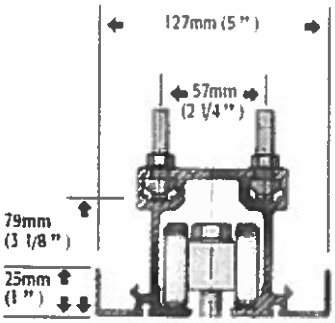
38 Track System

Anodized Aluminum
Panels up to 3708 mm (12' 2") in height

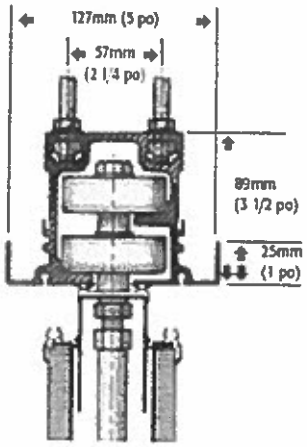


40 Track System

Anodized Aluminum
Panels up to 6756 mm (22' 2") in height

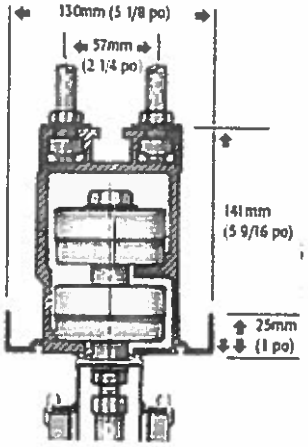


Hanger Rod Layout



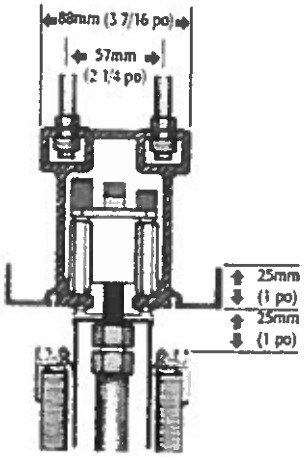
Super Omni 57 Track System

Anodized Aluminum
Maximum load per panel : 675 kg



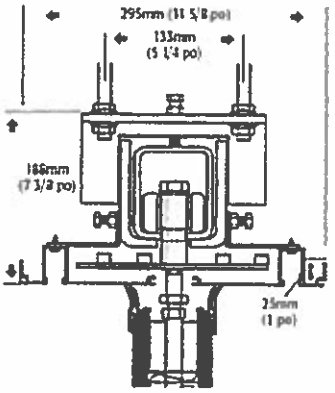
Curved 28 Track System

Anodized Aluminum
Maximum load per panel : 675 kg

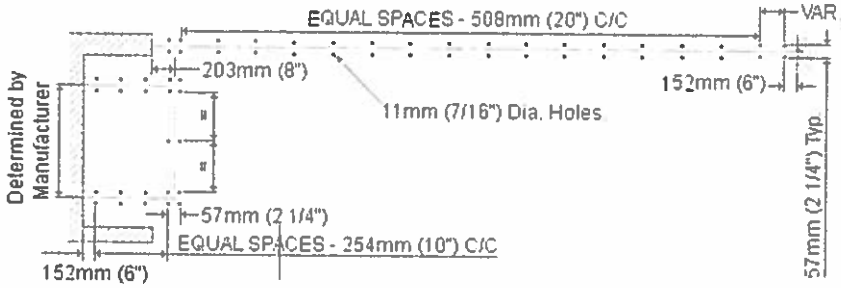


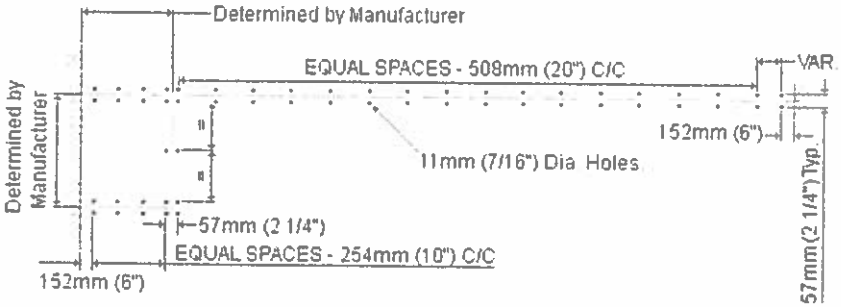
Curved 11 Track System

Steel
Maximum load per panel : 1365 kg

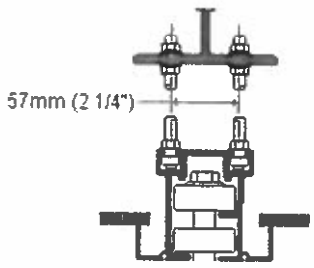


Hanger Rod Layout





Track Hanging Details

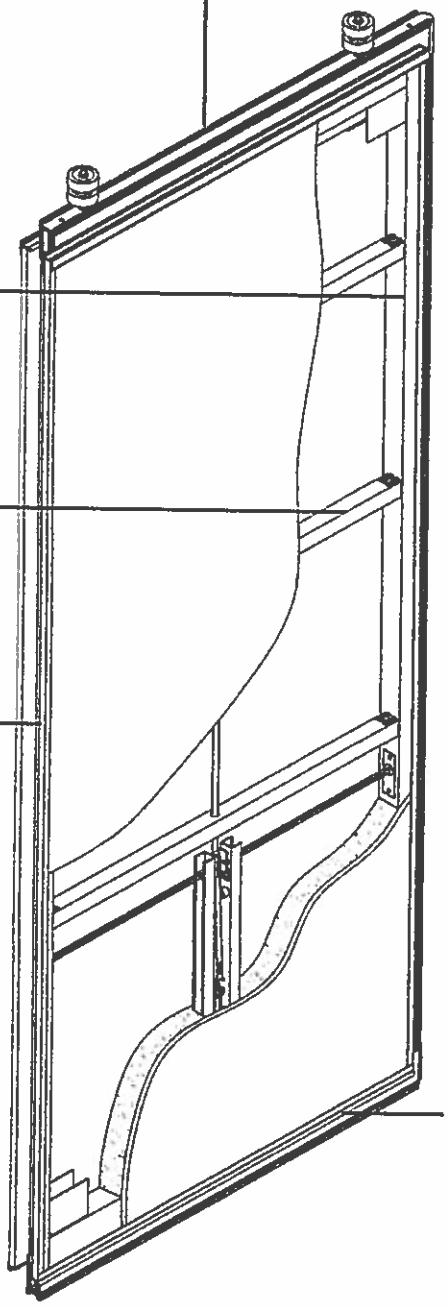


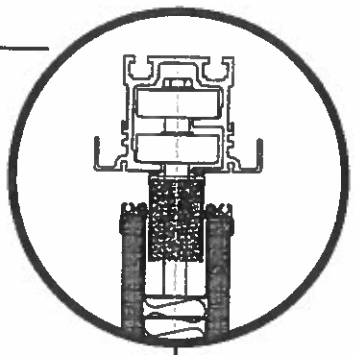
Steel Beam (Standard)

UN NOYAU PERFORMANT UNE ENVELOPPE ATTRAYANTE

COMPOSITION DES PANNEAUX

Les panneaux des cloisons mobiles Corflex forment un savant mélange d'ingénierie et de design. De nombreux détails assurent leurs qualités esthétiques, tandis que leur conception de haute qualité assure un rendement incomparable.





CADRAGE D'ACIER

Le cadrage d'acier facilite la manipulation et évite d'endommager le fini au fil des contacts répétés.

MEMBRURES ANTI-TORSION

Des membrures d'acier horizontales de calibre 18 (1,3 mm) limitant la flexion ou la déformation des panneaux et offrant une résistance accrue aux impacts.

COULEURS DE CADRES

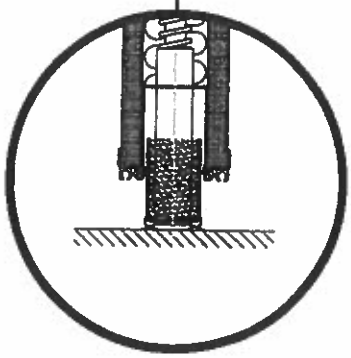
Corflex vous propose un choix de couleurs inégalé pour agencer les cadrages au panneau. Consultez la page 15 pour voir les finis disponibles.

MÉCANISME DE COMPRESSION

Le verrouillage final de la cloison se fait au moyen d'un mécanisme de compression télescopique offrant des propriétés acoustiques optimales et s'harmonisant au fini des panneaux.

JOINTS D'ÉTANCHÉITÉS HAUTS ET BAS

La manivelle amovible permet d'activer simultanément les joints d'étanchéité supérieurs et inférieurs. Ces éléments augmentent et préservent les propriétés acoustiques de la cloison. Également disponibles en version automatisée ou fixe, ils s'agencent aux couleurs des cadrages.



LES BIENFAITS DES CADRAGES

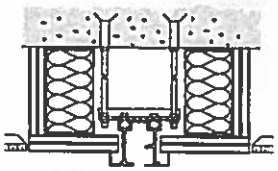
En plus d'être esthétiques, les cadrages permettent l'utilisation d'un choix illimité de revêtements, préservent le fini et facilitent le déplacement des panneaux.

Track Systems

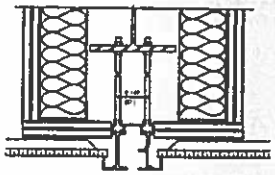
A QUALITY TRACK SYSTEM ASSURES YOUR PARTITIONS WILL MOVE EASILY FOR YEARS TO COME AND ENHANCE FAST PANEL SET-UP AND TAKE-DOWN.

All Hufcor tracks are rigorously tested for a minimum of 100 miles (approx. 10 years) of use. Job requirements vary, which is why Hufcor offers a selection of tracks to meet your needs. Our patented designs are the most imitated in the industry.

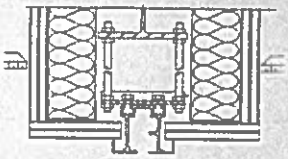
SOME TYPICAL SUSPENSIONS:



From Concrete Deck



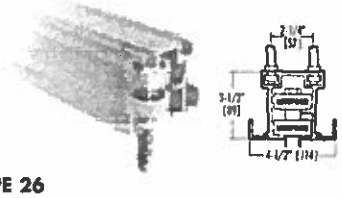
Directly from Steel Beam



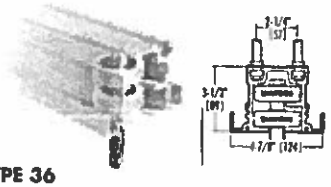
From Suspension below Steel Beam

ALUMINUM TRACK SYSTEMS

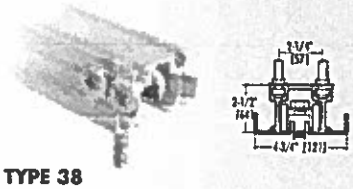
Our aluminum tracks are of clear anodized extruded architectural grade 6063-T6 alloy. Among aluminum's benefits are quiet operation, consistent shape for end-to-end alignment, unitized design for incorporating header panels and alignment pins, corrosion resistance, and we anodize it for a smooth, hard running surface needed for proper carrier movement. A selection of tracks is available to accommodate the weight of the model selected. The tracks have been load tested a minimum of 100 miles [161] (approximately 10 years of use).



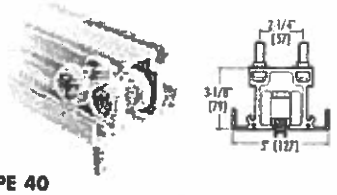
TYPE 26
OMNI-DIRECTIONAL
Weights to 500 Lbs. per panel



TYPE 36
OMNI-DIRECTIONAL
Weights to 1000 Lbs. per panel

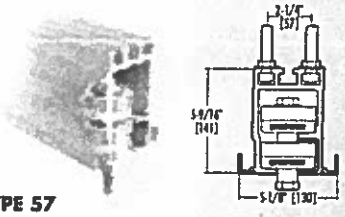


TYPE 38
PAIRS & MANUAL TRAINS
Weights to 400 Lbs. per panel

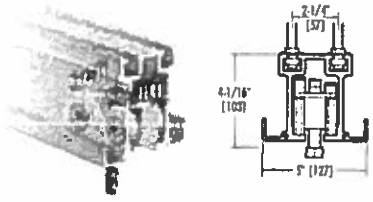


TYPE 40
PAIRS & MANUAL TRAINS
Weights to 900 Lbs. per panel

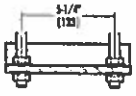
TYPE 42E
ELECTRIC TRAINS
Weights to 900 Lbs. per panel



TYPE 57
OMNI-DIRECTIONAL
Weights to 1500 Lbs. per panel



TYPE 28
CURVE & DIVERT TRACK FOR INDIVIDUAL PANELS
Weights to 1200 Lbs. per panel

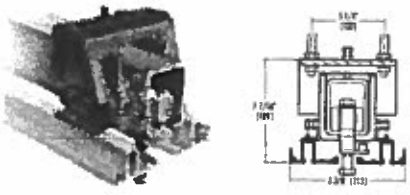


OPTIONAL SUSPENSION BRACKET
Optional suspension bracket for 5-1/4" [133] spacing. Available on all aluminum tracks.

STEEL TRACK SYSTEMS

Hufcor Steel Track is used when the partition height or weight limit exceeds that recommended for the aluminum system.

Note: Metric dimensions are in [ ]



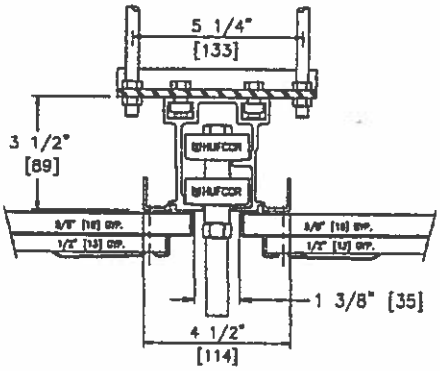
TYPE 11
OMNI-DIRECTIONAL, ELECTRICAL & PAIRED PANELS
Weights to 3000 Lbs. per panel

FOR MORE INFORMATION OR TO CREATE YOUR OWN PRELIMINARY DRAWINGS VISIT **www.hufcor.com**

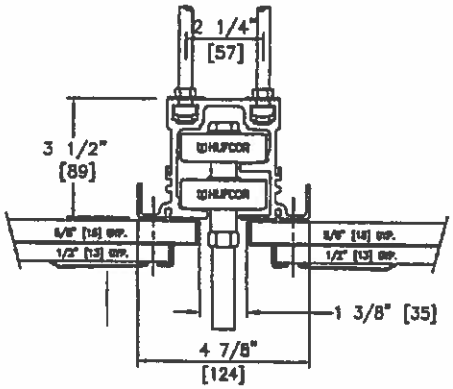
MODEL SELECTOR

STC	Hanging Weight Lbs./Sq. Ft.	Kg./Sq. M
51	9.5	46.00
54	10.9	53.2

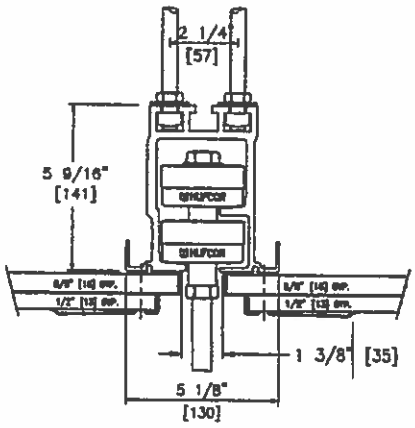
OPTIONAL TRACKS - Alternate Hufcor track systems may be used providing the height and weight limits are within manufacturer's guidelines.



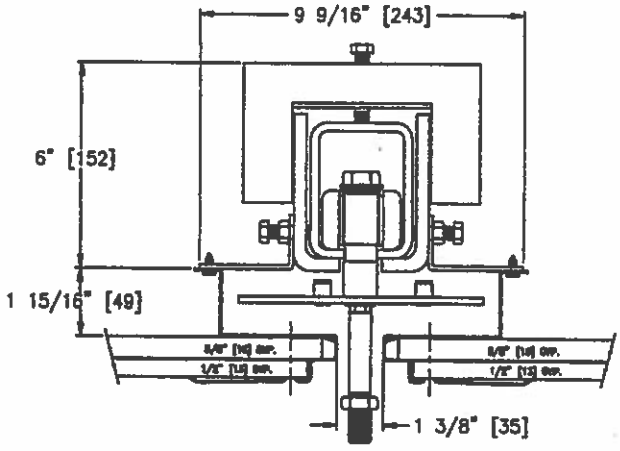
Type 26 Aluminum Track
for panel weights to 500 lbs. [227 kg].
Each carrier has two horizontal counter-rotating wheels. Each wheel has precision ground bearings, encased with Delrin for quiet operation. Minimum dimension from the ceiling to the structure is 8" [203]. Shown with optional suspension bracket available for 5-1/4" [133] spacing. Suspension bracket is available for all aluminum tracks.



Type 36 Aluminum track.
Standard for weights to 1000 lbs. [455 kg].
Each carrier has two horizontal counter-rotating wheels that roll in the track. Each wheel has precision ground bearings encased with Delrin for quiet operation.



Type 57 Aluminum Track
for panel weights to 1500 lbs. [682 kg].
Each carrier has two horizontal counter-rotating wheels. Each wheel has precision ground bearings, encased with Delrin, steel banded and reinforced. May be programmed for self-directing and sorting. Minimum dimension from the ceiling to the structure is 12" [305].



Type 11 Steel Track
For panel weights to 3000 lbs. [1364 kg]. Required for panels over 1500 lbs. [682 kg]. Track is of 1/4" [6] formed steel. Track trim is steel. Curves, diverters, or switches are available. Each carrier has four steel wheels with precision ground radial bearings. Bearings are inserted into a steel tire. Tire rim fully captures the bearing. Carriers may be programmed for self-directing and sorting. Minimum dimension from the ceiling to the structure is 12" [305].

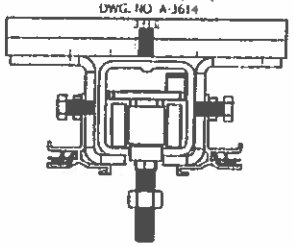
World headquarters:
Hufcor Inc.
P.O. Box 591
Janesville, WI USA 53547
1-800-542-2371 ext. 214; 1-608-756-1241
FAX: 1-608-758-8253
E-mail: info@hufcor.com
website: www.hufcor.com

LY-0085-1
REVISED 8/2017

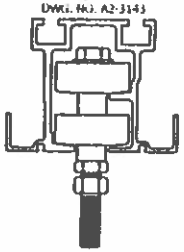
CURRENT HUFCOR TRACK SYSTEMS

OMNI

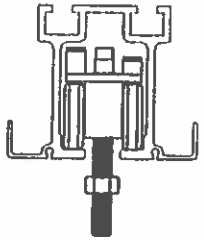
11L TRK.
1400 LBS./PANEL
700 LBS./CARRIER
TRK. P/N 15-115 (1/0")
DWG. NO. A-3614



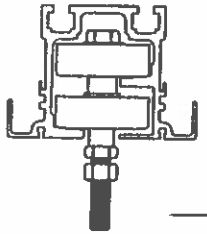
26 TRK.
500 LBS./PANEL
250 LBS./CARRIER
TRK. P/N 10-044
DWG. NO. A2-3143



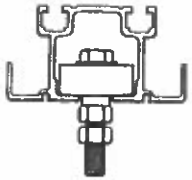
28 TRK.
1200 LBS./PANEL
600 LBS./CARRIER
TRK. P/N 10-493
DWG. NO. E-2468



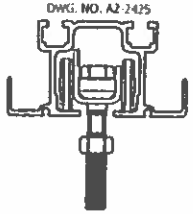
36 TRK.
1000 LBS./PANEL
500 LBS./CARRIER
TRK. P/N 10-037
DWG. NO. A3-2325



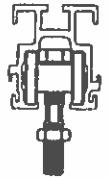
38 TRK. SLIDER
400 LBS./PANEL
200 LBS./CARRIER
TRK. P/N 10-038
DWG. NO. A2-2425



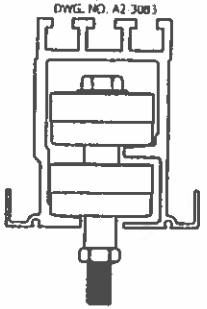
38 TRK. DIVERT
600 LBS./PANEL
300 LBS./CARRIER
TRK. P/N 10-038
DWG. NO. A2-2425



46 TRK.
800 LBS./PANEL
400 LBS./CARRIER
TRK. P/N DJ-265
DWG. NO. DJ-265

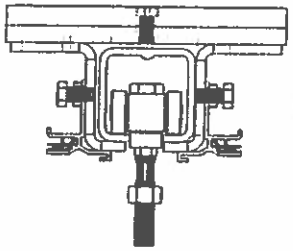


57 TRK.
1500 LBS./PANEL
750 LBS./CARRIER
TRK. P/N 10-003
DWG. NO. A2-3083

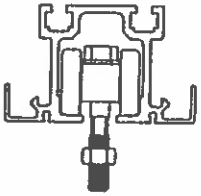


PAIRED PANEL

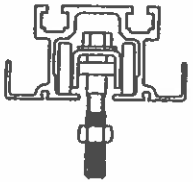
11L TRK.
900 LBS./PANEL/CARRIER
TRK. P/N 15-115
DWG #A-3630



40 TRK.
900 LBS./PANEL/CARRIER
TRK. P/N 10-040
DWG #A3-2140

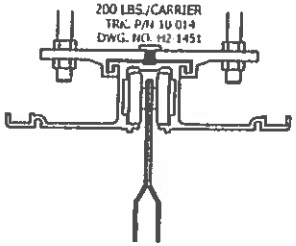


38 TRK.
400 LBS./PANEL/CARRIER
TRK. P/N 10-038
DWG #A2-2425

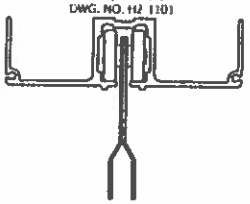


ACCORDION

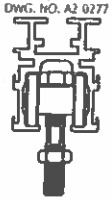
15 TRK.
200 LBS./CARRIER
TRK. P/N 10-014
DWG. NO. H2-1451



18 TRK.
200 LBS./CARRIER
TRK. P/N 10-025
DWG. NO. H2-1101



45 TRK.
400 LBS./CARRIER
TRK. P/N 10-068
DWG. NO. A2-0277



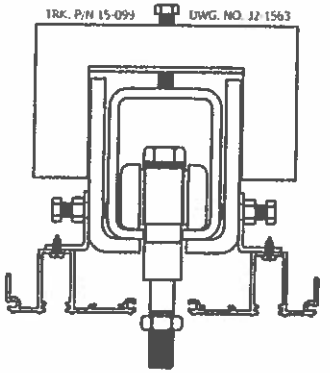
50 TRK.
26 LBS. - 2 WHEEL
TRK. P/N. 10-058
DWG. NO. H1-1421

71 TRK.
200 LBS./CARRIER
TRK. P/N 10-005
DWG. NO. H2-0358

P/N 65-780
#61 CHNL - NARROW, #50 TRK
H2-1429

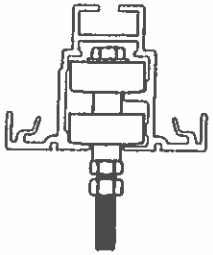
OMNI, PAIRED OR ELECTRIC

11 TRK.
OMNI: 3000 LBS./PANEL, 1500 LBS/CARRIER
PAIRED OR ELECTRIC: 1500 LBS./PANEL/CARRIER
TRK. P/N 15-099 DWG. NO. J2-1563

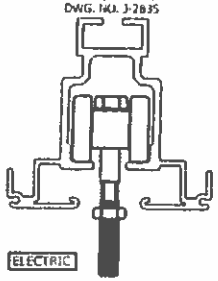


UNISPAN

U926
#26 CARRIER
100 LBS./LINEAR FT.
TRK. P/N 11-344
DWG. NO. K-3670

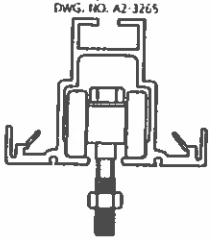


U942
#42 CARRIER
100 LBS./LINEAR FT
TRK. P/N 11-475
DWG. NO. J-2835

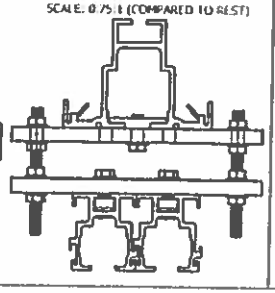


ELECTRIC

U900
#40 CARRIER
100 LBS./LINEAR FT
TRK. P/N 10-066
DWG. NO. A2-3265

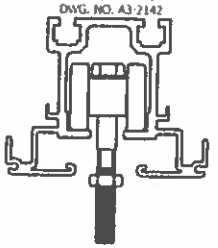


U946
2 THRU 5 TRACKS AVAILABLE
100 LBS./LINEAR FT.
TRK. P/N 10-066 W/ DJ-465
SCALE: 0.75:1 (COMPARED TO REST)



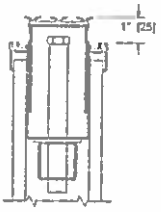
ELECTRIC

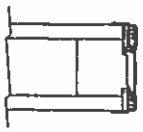
42 TRK.
900 LBS./PANEL/CARRIER
TRK. P/N 10-042
DWG. NO. A3-2142



Hanging Weight		
STC	Lbs./Sq. Ft.	Kgs./Sq. M
41	5.7	27.8
43	7.3	35.6
47	7.8	38.1
49	8.9	43.5
51	10.2	49.8

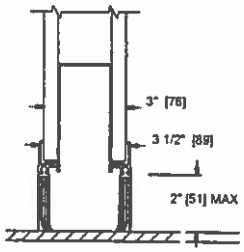
Optional retractable top seal (not available with automatic bottom seal)



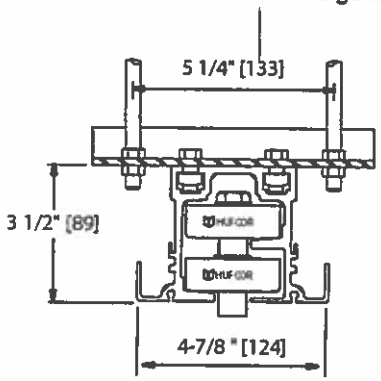


Optional finished end cover - provides finished panel end when partition run does not extend from wall-to-wall.

Optional continuous contact bottom seal.



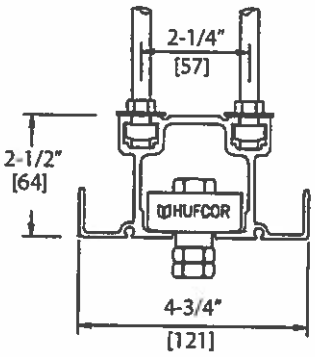
OPTIONAL TRACKS - Alternate Hufcor track systems may be used providing the height and weight limits are within manufacturer's guidelines.



Type 36 Aluminum Track

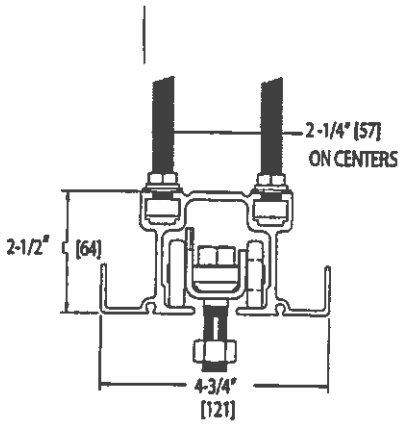
Shown with optional suspension bracket for 5-1/4" [133] rod spacing. Available for all aluminum tracks.

Required for panel weights over 1000 lbs. [453 kg]. Each panel shall be supported by two carriers. Each carrier has two horizontal counter-rotating wheels that roll in the track. Each wheel has precision ground bearings encased with Delrin for quiet operation.



Type 38 Aluminum Track Used in T, X, L Intersections

Optional for panel weights to 400 lbs. [182 kg]. Each panel shall be supported by two 1-wheel horizontal rotating carriers. Wheel to be of precision ground steel ball bearings with heat treated and hardened races encased with molded polymer tires.



Type 38 Aluminum Track Used for Curves/Diverts

Optional for panel weights to 600 lbs. [272 kg]. Each panel shall be supported by two 4-wheel carriers. Wheels to be of hardened steel ball bearings encased with molded polymer tires.

Worldwide headquarters:
Hufcor Inc.
P.O. Box 5591
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Janesville, WI USA 53547-0591
1-800-542-2371 ext. 214; 1-608-756-1241
FAX: 1-608-758-8253
E-mail: info@hufcor.com
Website: www.hufcor.com

The manufacturer reserves the right to improve and change product without notice.

TECH DATA SHEET

11L TRACK & SUPPORTING CARRIERS

PRODUCT FEATURES

- 11L track can support panels up to 1,400 lbs [635 kg] allowing for taller and heavier omni panels
- 11L track is more cost effective than heavier-duty 11 track for Omni panels up to 1,400 lbs [635 kg] and paired panels up to 900 lbs [408 kg]. Typical panel heights from 16'-26' or [4.8 m-7.9 m].
- 11L track has 4 divert options - diversion is accomplished via carrier pin heights and corresponding track fences.
- 21 different standard track configurations available (other configurations are possible – contact your Customer Support Team representative)
- Alluminum trim insures a clean, unmarked ceiling

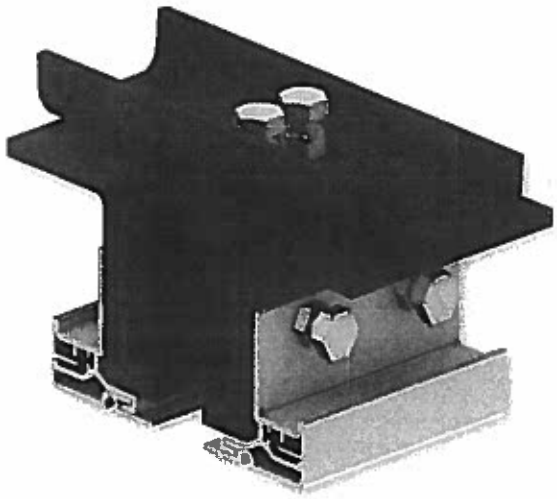
DESIGN FEATURES

- 6-inch [152.4 mm] tight radius curves
- Heavier duty carriers and hanger rods 11L Track Hanger Rods - 1/2" dia. [13 mm]
- Trim-less track option offered for track runs in pockets
- Cross-over switch available
- Easily replaceable fences

PRODUCT APPLICATIONS

Large Venues • Panel sizes typically in the 16'-26' range [4.8 m-7.9 m], up to 1,400 lbs [635 kg].

- Hotels
- Convention centers
- Ballrooms
- Banquet Halls
- Meeting centers



Hufcor's new 11L curve & divert track system is a more cost effective solution than standard 11 heavy-duty track for Omni panels up to 1,400 lbs [635 kg] and paired panels up to 900 lbs [408 kg]. The 11L system offers excellent load bearing capacity and a wide range of divert and stacking options while maintaining a tight 6" [152.4 mm] curve radius.

11L track is ideal for supporting op walls in large venues such as hotel ballrooms, convention halls and banquet centers for panels ranging 16'-26' [4.8 m-7.9 m] in height where curve and divert is desired.

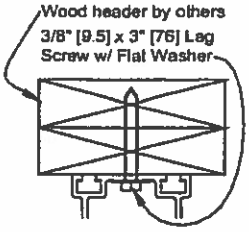
CURVE & DIVERT

Steel Track Comparison

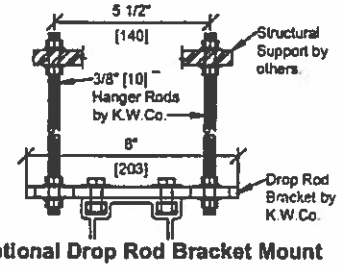
TRACK	STATUS	CONSTRUCTION	CURVE RADIUS (in [mm])
11 Track	Existing	Steel	12" [304.8]
11L Track	New	Steel	6" [152.4]

TRACK	MAX PANEL WT. PAIRED (LBS [KG])	MAX PANEL WT. OMNI (LBS [KG])	# OF DIVERTS AVAILABLE	TRIMLESS AVAILABLE?*
11 Track	1,500 [680]	3,000 [1,361]	7	Yes
11L Track	900 [408]	1,400 [635]	4	Yes

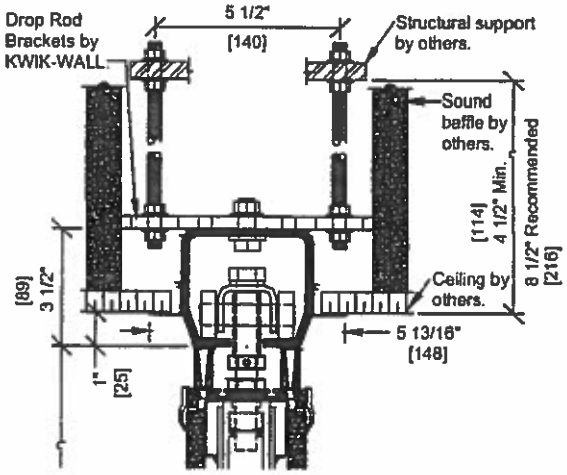
*For situations such as track runs in large pockets, this allows for the track to be purchased/installed without trim



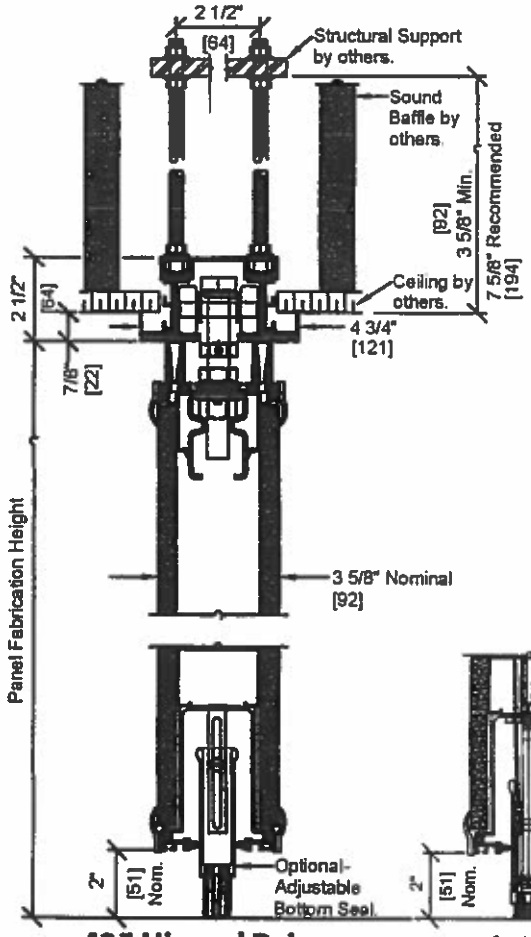
Optional Direct Mount



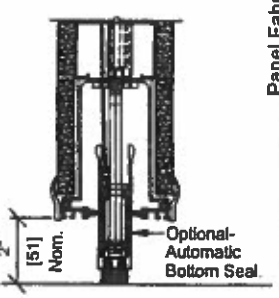
Optional Drop Rod Bracket Mount



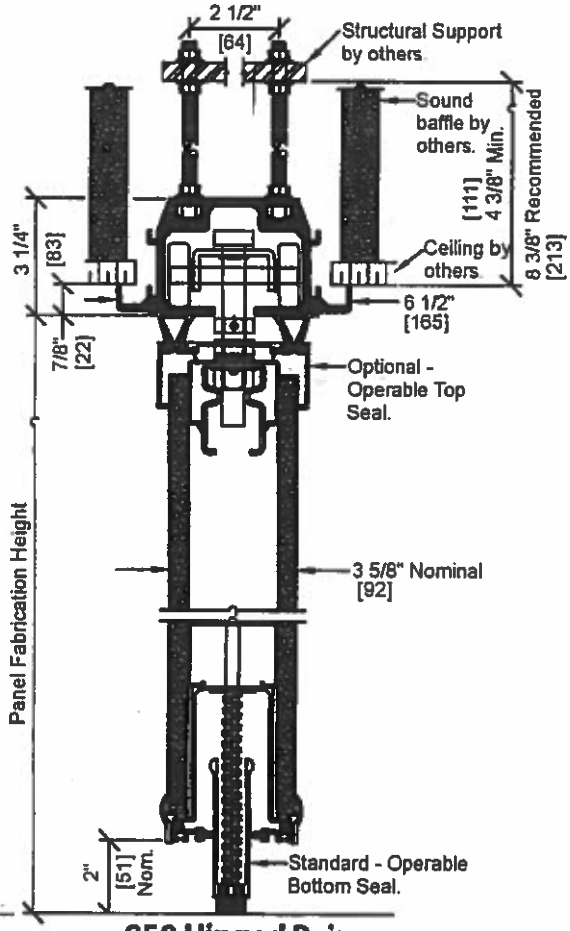
850 Hinged Pairs
Steel Track and Carrier



425 Hinged Pairs
Aluminum Track and Carrier



Automatic
Bottom Seal



850 Hinged Pairs
Aluminum Track and Carriers

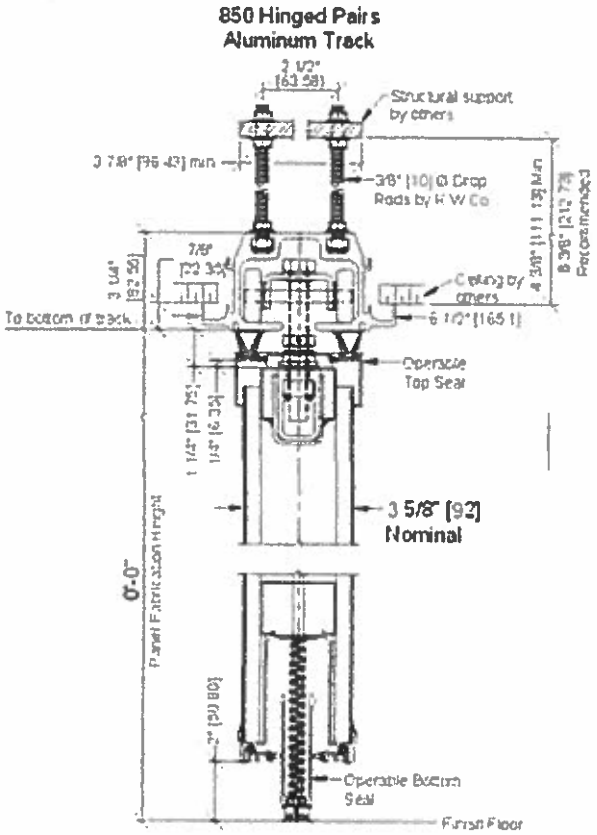
#425 V

#850 V

Notes:
1. Optional operable top seal requires standard operable bottom seal.
2. Optional automatic bottom seal is not available with final closure panel(s).

From: **Mark Wilson** wilsonm@kwik-wall.com
Subject: **850 track**
Date: **October 4, 2016 at 11:28 AM**
To: jim.priola@gmail.com

I am looking for a hanger that will work with our 850 HP track. See attached detail. Inside top to inside bottom is 3 ¾" opening in track is 1 1/16"



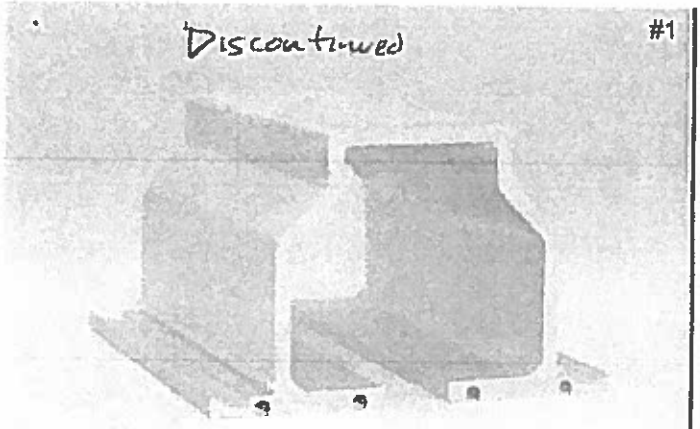
Mark Wilson
Brand Manager

Kwik-Wall
MOVEABLE WALL SYSTEMS

1010 E. Edwards
Springfield, IL

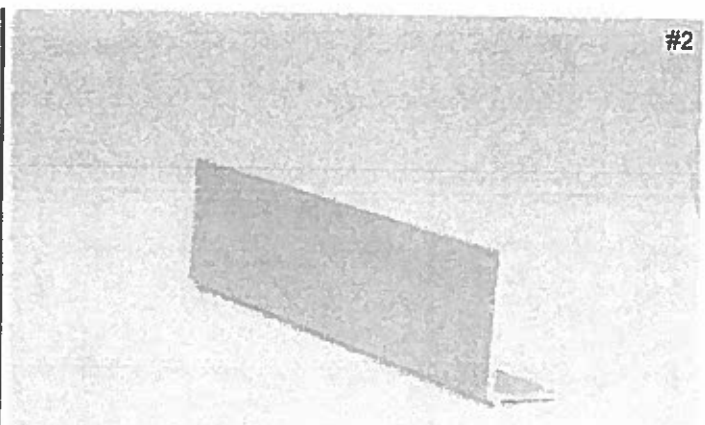
Discontinued

#1



Part Number: 11101
Name: Type 5D Aluminum Track
Description: Used for Individual, Hinged Pair and Continuously Hinged / Manual Wall.

#2



Part Number: 11102
Name: Type 5 Aluminum "L" Channel
Description: Used for Hinged Pair Operable Walls with Type 5 Aluminum Track.

#3

Note:
Shipped in quantities of 25 pieces per bag.

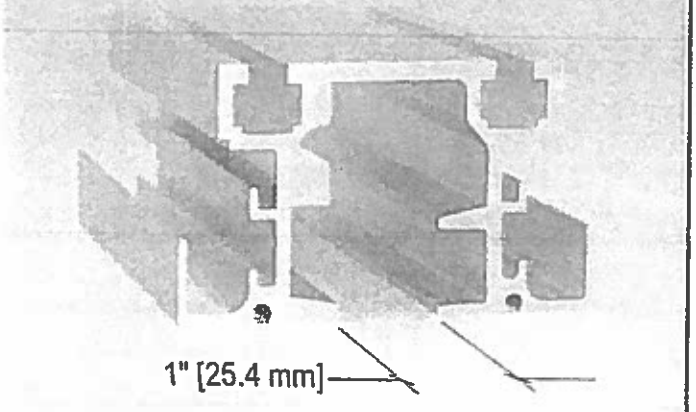
Part Number: 11103
Name: 3/16" [5 mm] x 1 1/2" [38 mm] Track Alignment Spirol Pin
Description: Used with Type 5 Aluminum Track for aligning adjacent sections of track.

#4

Note:
Shipped in quantities of 10 pieces per bag.

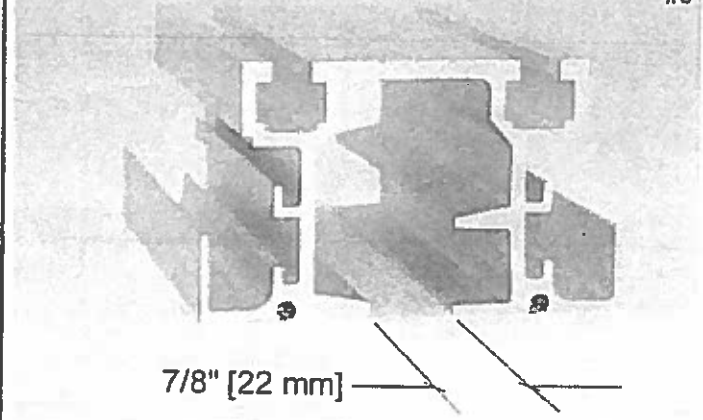
Part Number: 11104
Name: Type 5 "L" Channel Wood Spacer Block
Description: Used with Type 5 Aluminum Track & "L" Channel #11102.

#5



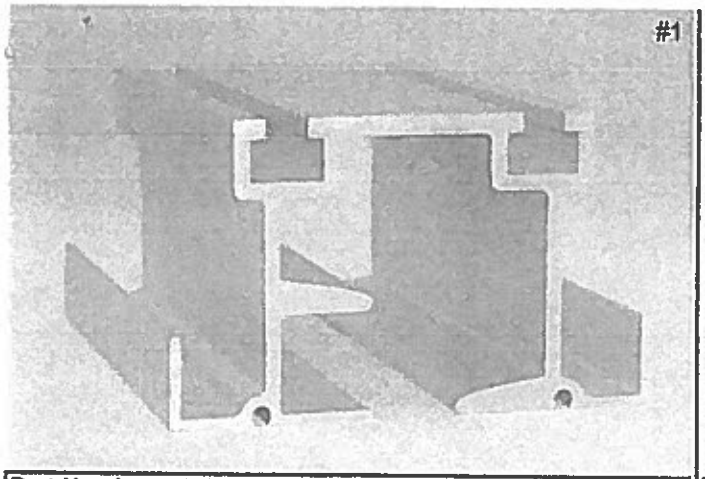
Part Number: 11105
Name: 425a Multi-Directional Aluminum Track
Description: Used for Models 1020, 2020 & 3020 Multi-Directional Operable Wall.

#6



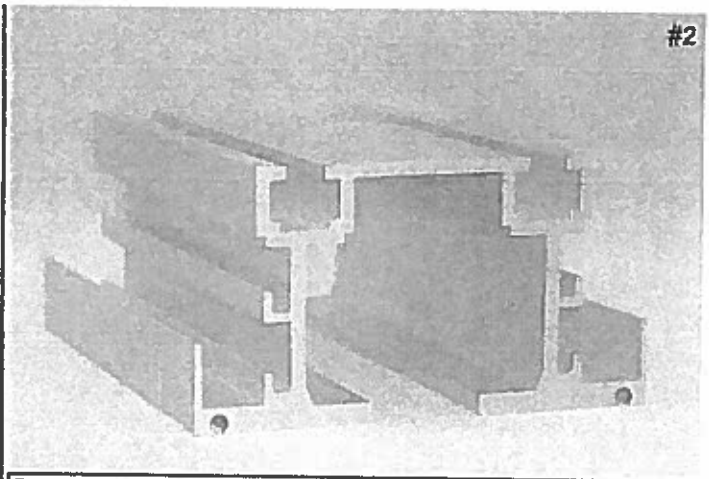
Part Number: 11106
Name: 425b Multi-Directional Aluminum Track
Description: Used for Models 1020, 2020 & 3020 Multi-Directional Operable Wall.

#1



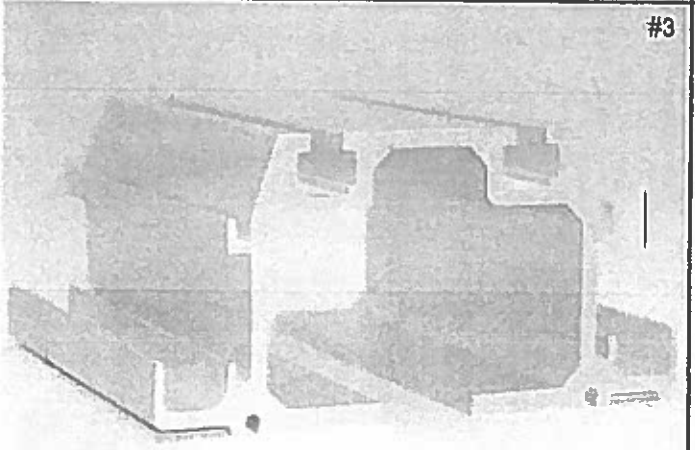
Part Number: 11107
Name: 425c Multi-Directional Aluminum Track
Description: Used for Models 1020, 2020 & 3020 Multi-Directional Operable Walls.

#2



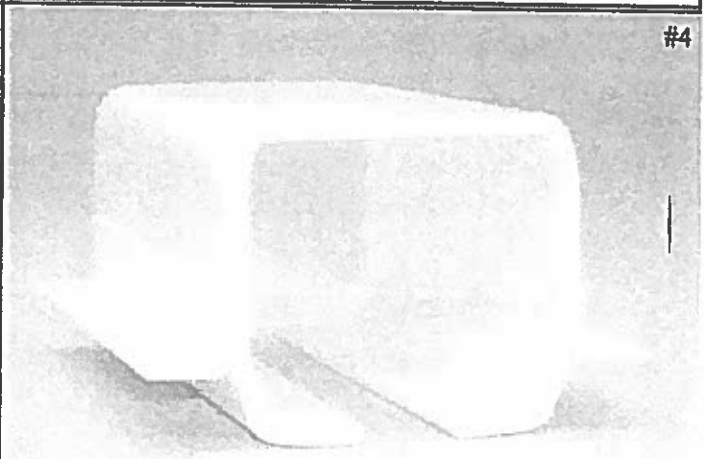
Part Number: 11108
Name: 425 Hinged Pair Aluminum Track
Description: Used for Models 1030, 2030 & 3030 Hinged Pair Operable Walls.

#3



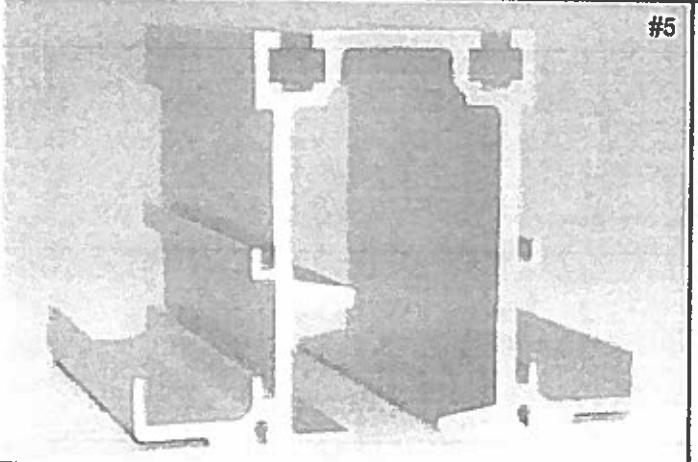
Part Number: 11109
Name: 850 Hinged Pair or Continuously Hinged / Manual Aluminum Track
Description: Used for Models 1030, 2030, 3030, 1040, 2040 & 3040 Hinged Pair or Cont. Hinged / Manual Operable Walls.

#4



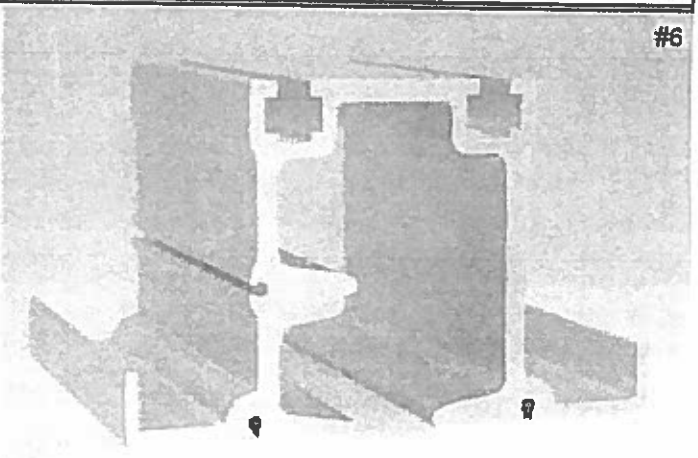
Part Number: 11110
Name: 850 Hinged Pair or Continuously Hinged / Manual Steel Track 550 lbs / pair
Description: Used for Models 1030, 2030, 3030, 1040, 2040 & 3040 Hinged Pair or Cont. Hinged / Manual Operable Walls.

#5



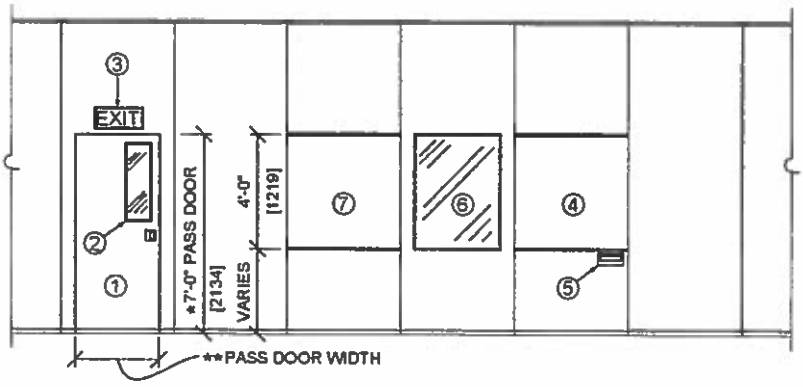
Part Number: 11111
Name: 850 Multi-Directional Aluminum Track
Description: Used for Models 1020, 2020 & 3020 Multi-Directional Operable Walls.

#6



Part Number: 11112
Name: 850a Multi-Directional Aluminum Track
Description: Used for Models 1020, 2020 & 3020 Multi-Directional Operable Walls.

KWIK-WALL offers a full complement of accessories for customizing any operable wall system to meet the specific needs of the most demanding project.

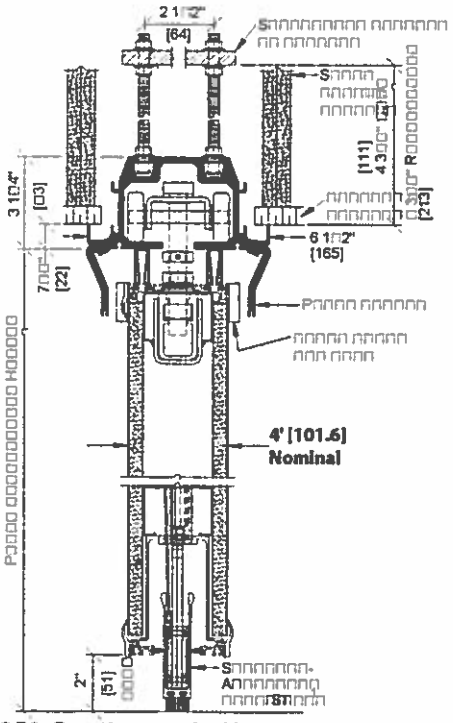


ACCESSORIES

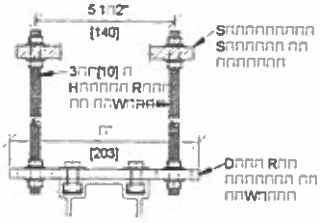
1. Pass Door (Single shown, double available)
2. Pass Door Vision Lite
3. Exit Sign
4. Writing Surface
5. Recessed Eraser Tray
6. Panel Vision Lite
7. Tack Surface
8. Pocket Door (Not shown)

Notes:
1. * 7' - 8" (2.34m) minimum panel fabrication height required.
2. ** Panel width minus 12" [305] equals pass door width.
3. For complete specifications and details of KWIK-WALL Accessories, please visit our website at www.kwik-wall.com.

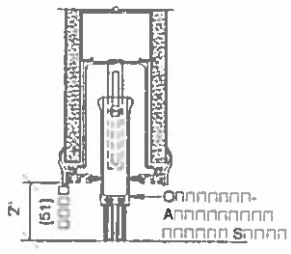
VERTICAL DETAILS



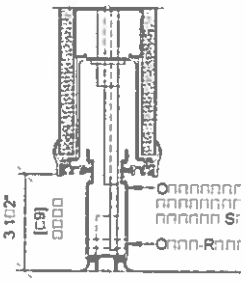
850 Continuously Hinged/Manual Aluminum Track and Carrier



Optional Drop Rod Bracket Mount



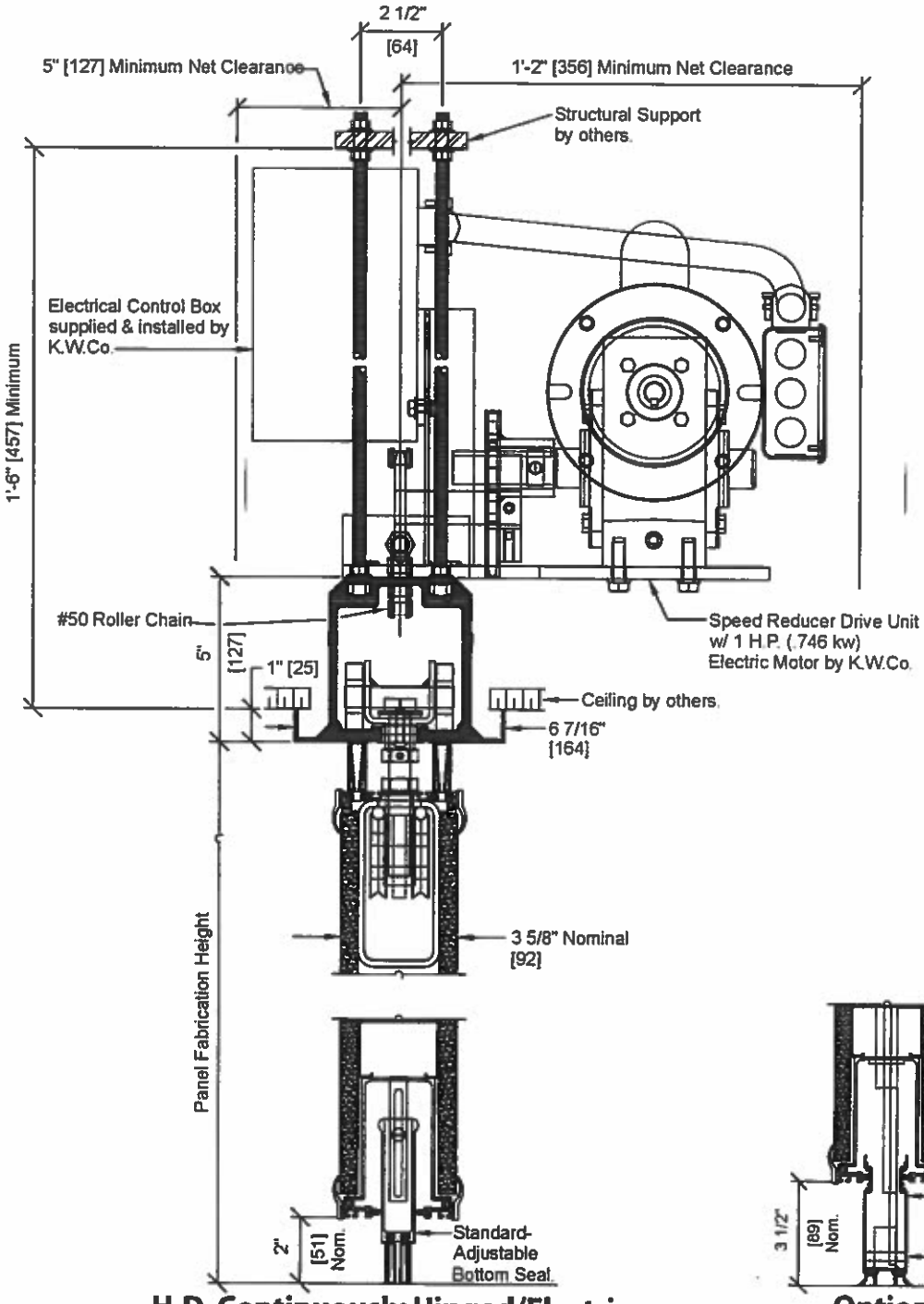
Optional Adjustable Bottom Seal



Optional Floating Bottom Seal

Notes:
1. Standard automatic bottom seal is not available with final closure panels.

MODEL 3050 VERTICAL DETAIL
STANDARD SPEED REDUCER DRIVE



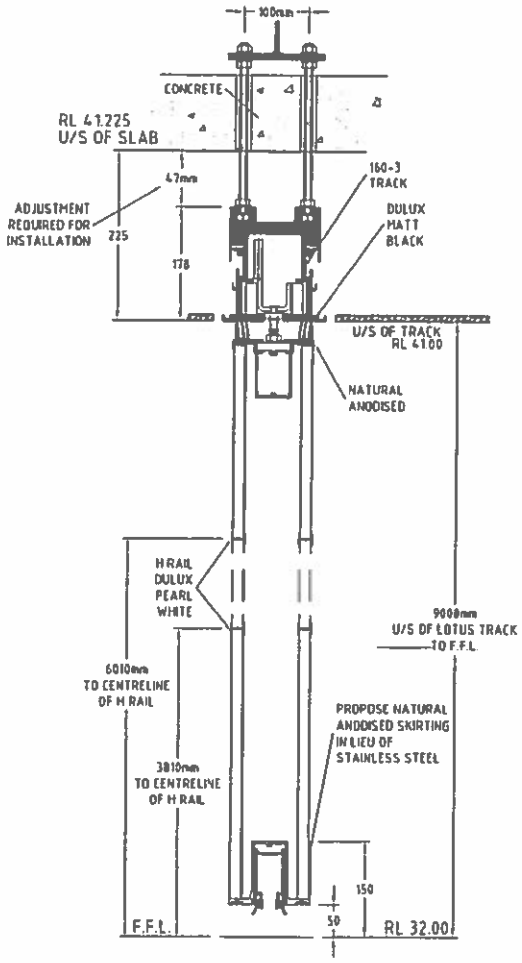
H.D. Continuously Hinged/Electric Steel track and Carrier

Optional Floating Bottom Seal

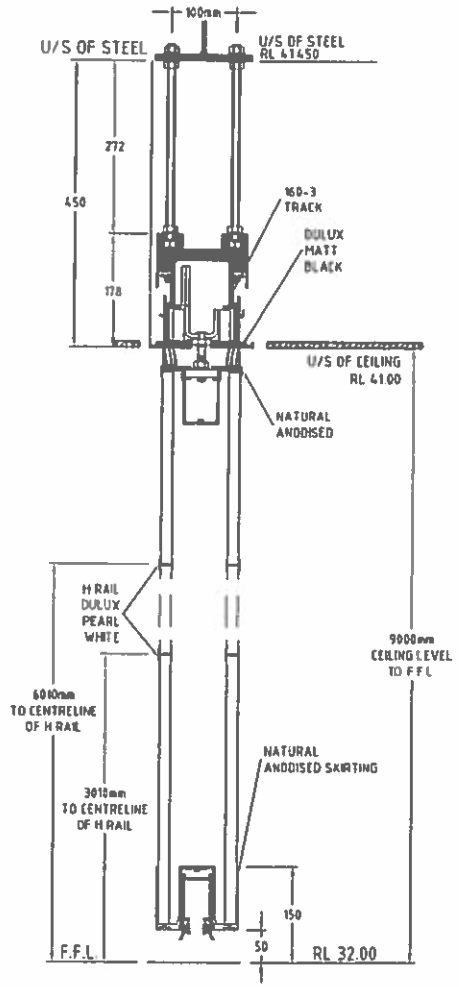
Notes:
1. Adjustable Bottom Seals are standard on Final Closure Panel.
2. Maximum wall opening size shall not exceed 600ft.² (56m²)

Dimensions in [ ] are millimeters. Contact your local distributor for additional assistance or visit www.kwik-wall.com

REV	REVISION DETAILS	DATE	BY	APRV
REV	REV_A_REMARKS	RDA	TEA	BY APP
REV	REV_B_REMARKS	RDA	TEA	BY APP



HEAD SECTION DETAIL
IN STACK AREA



HEAD SECTION DETAIL
IN GRAND BALLROOM

APPROVED FOR MANUFACTURE:

SIGNED..... DATE.....

PATH & FILENAME: DHL/2015081801

DIMENSION TOLERANCES		ISSUED BY:	DATE:
X	±0.5	CHK BY:	DATE: 24/8/15
X.X	±0.25	DRN BY:	DATE: 24/8/15
X.XX	±0.12	SCALE: SCALE	
ANGLES	±0.5°		
METRIC			

TITLE: DARLING HARBOUR LIVE: GRAND BALLROOM - HEAD DETAIL

USED IN ASSEMBLY:

MATERIAL:

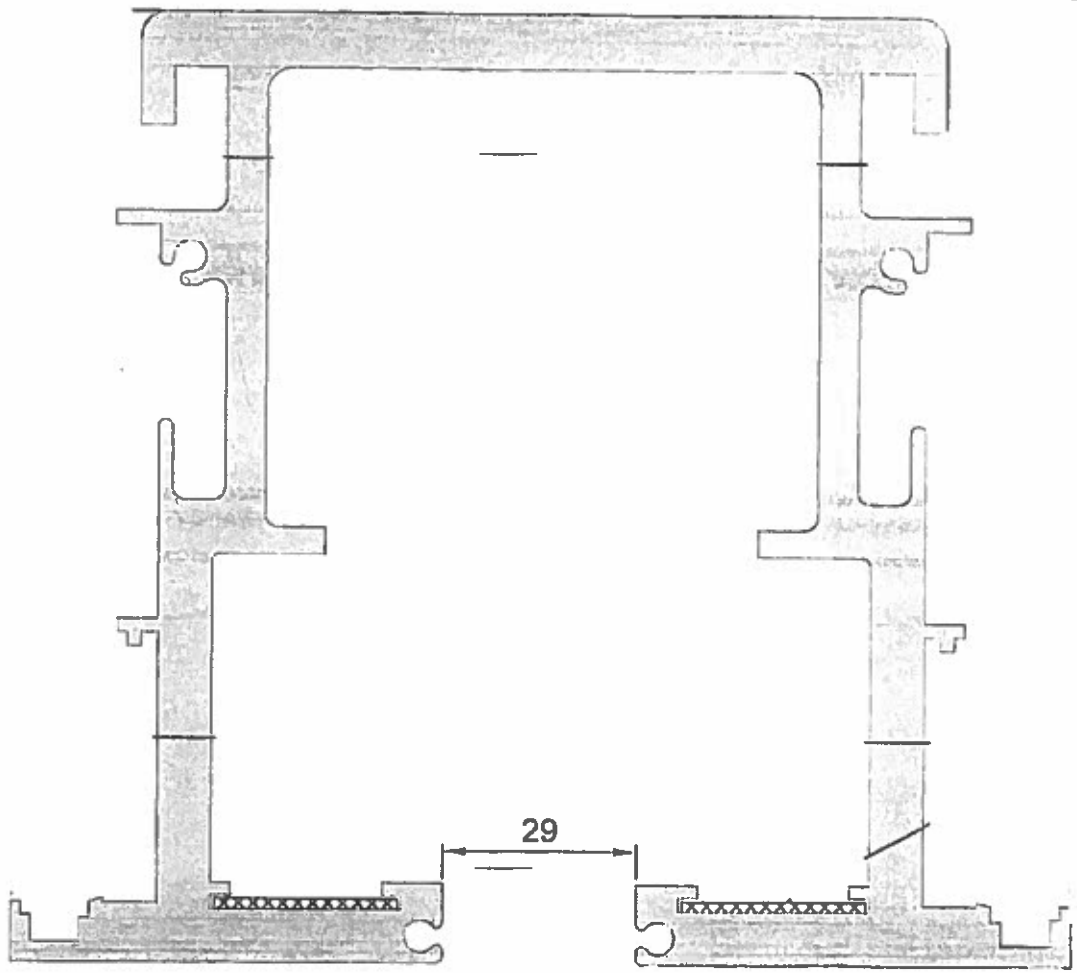
FINISH:

LOTUS

PRODUCT: 100S/45/RX2

DRAWING NUMBER: 2015/09/16/01-CO-3-1

REV: B


29

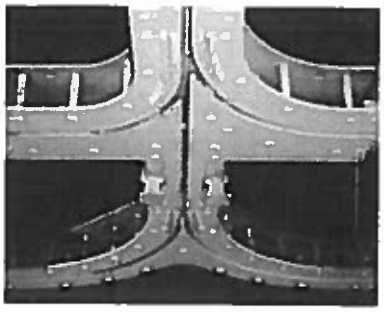
MODERNFOLD
dormakaba Group

215 West New Road
Greenfield, IN 46140

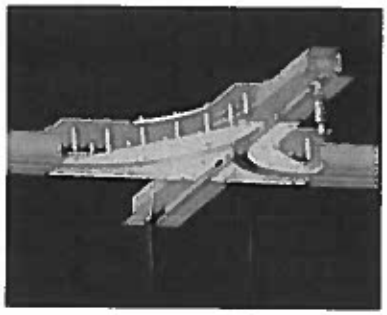
Tel 800-869-9685

Email info@modernfold.com
Website www.modernfold.com

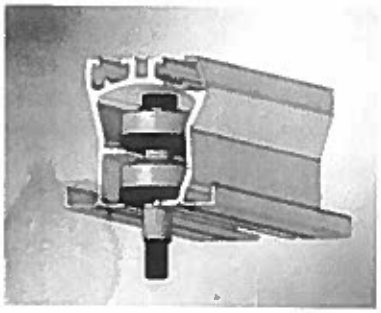
Form [illegible]



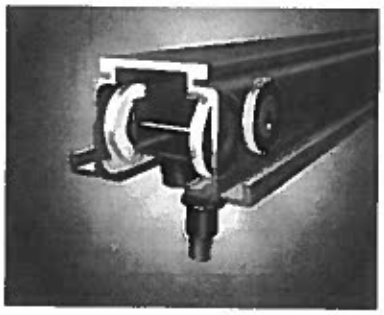
#14 Smart Track



#17 Smart Track



RT200/RT100



#30

High performance, long lasting suspension systems.

Modernfold takes pride in the reliability and durability of its all steel suspension systems—the #14 and #17 are proven to last a lifetime. Smart Track™ technology in conjunction with a durable steel suspension provides for easy operation and low maintenance.

Smart Track™

Modernfold continues to expand the programming capability of the #14 and #17 steel track and trolley systems. Solve even the most complex switching challenges without the added expense and maintenance requirements of electric or pneumatic switches. Designs provide added staging and sorting abilities while reducing operational confusion, setup costs, and trolley stress.

Multi-Directional Systems

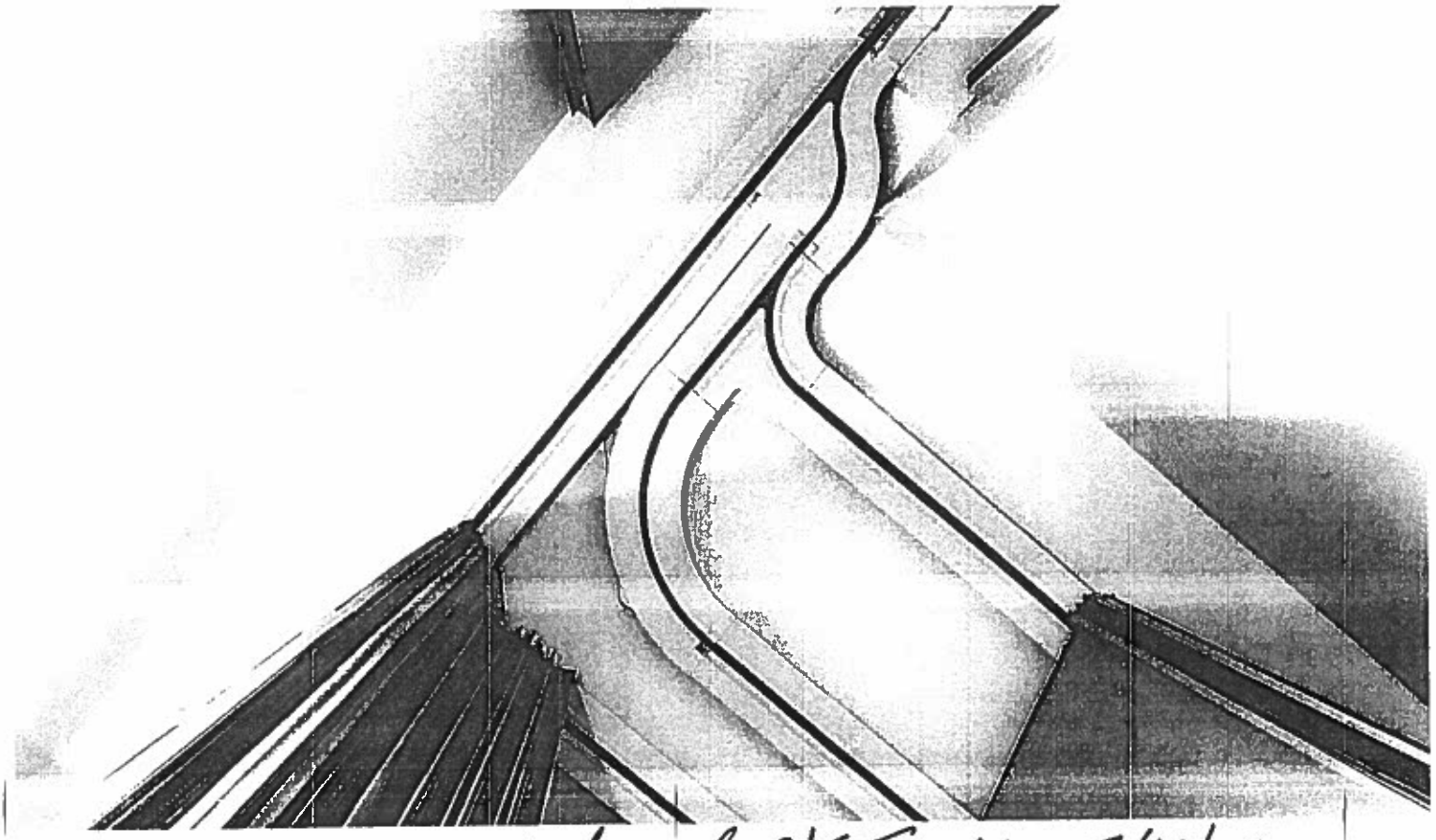
The RT200 right angle suspension system—available up to 20-feet tall—provides an alternative where grid layouts are a must. The RT100 right angle suspension system is available for heights up to 16-feet.

#30 Track

Designed for quiet, dependable operation, the #30 track is made of strong structural aluminum. The track is designed to mate with the Acousti-Seal electric partition, but is also available for use on paired panel applications.

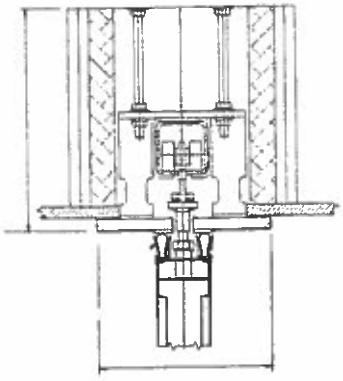
Smart Track Warranty

10 years on #14 Track
5 years on #17 Track

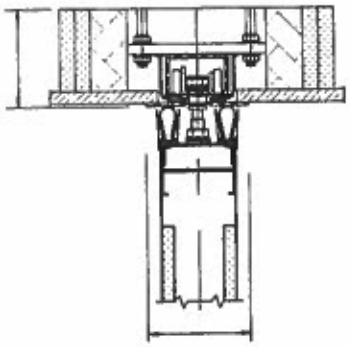


Track Systems

Modern fold TRACK DETAILS



#14



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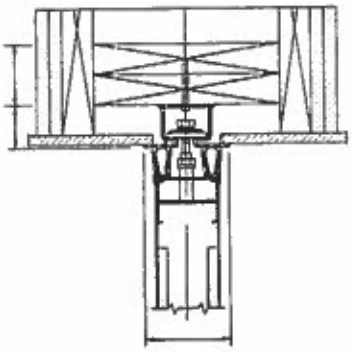
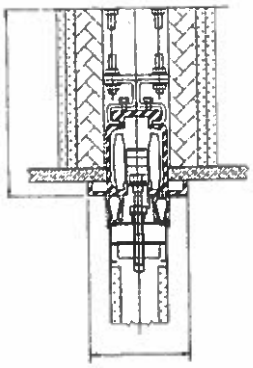
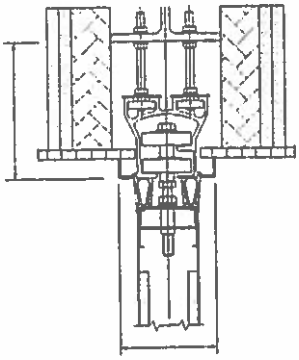
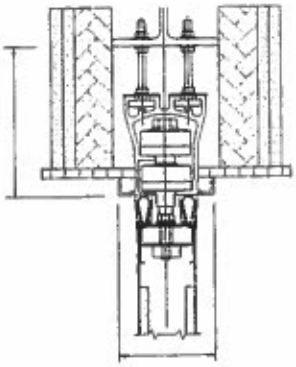


#17 Right Angle

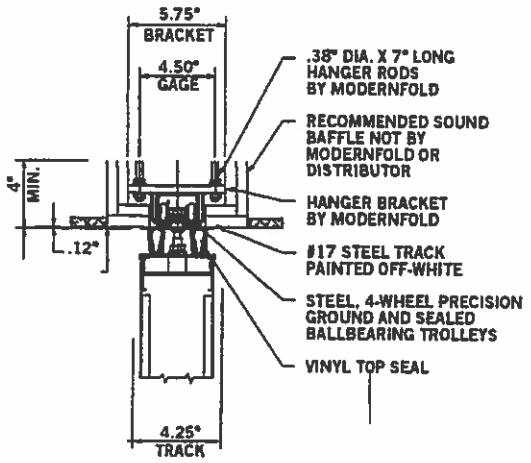






ACOUSTI-SEAL® 900 SERIES TECHNICAL DATA
SUSPENSION SYSTEM OPTIONS

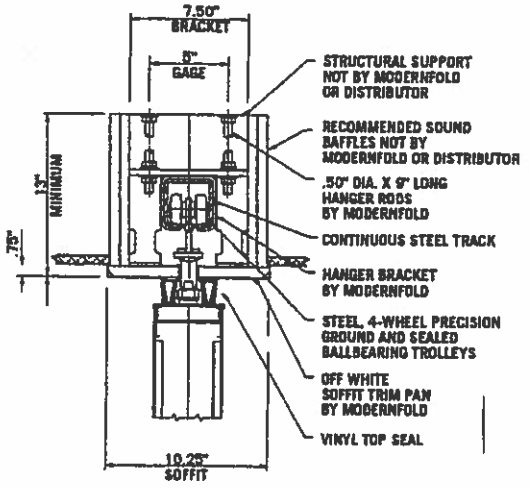
#17 Track System Bracket Mount (Smart Track Shown)



Model Detail from Website

AS-05E

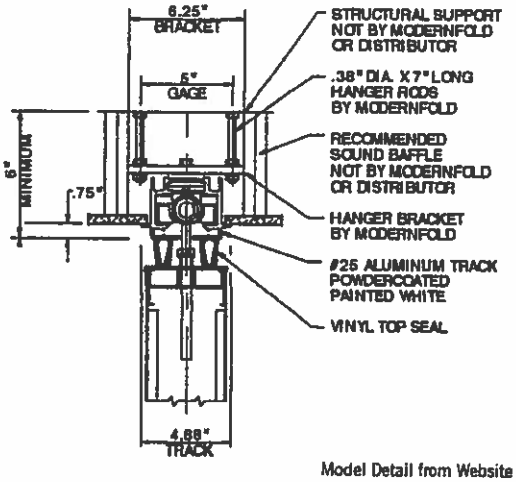
#14 Track System Bracket Mount (Smart Track Shown)



Model Detail from Website

AS-09b

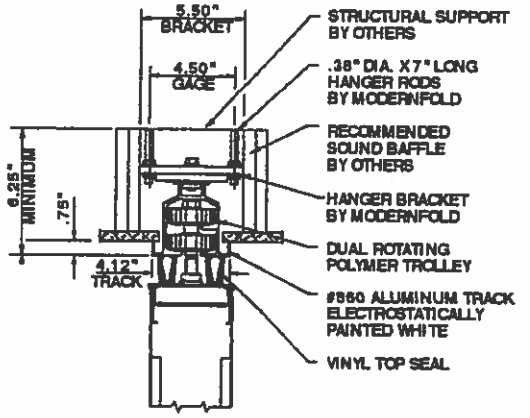
#25 Track System Bracket Mount



Model Detail from Website

AS-125A

#860 Track System Bracket Mount

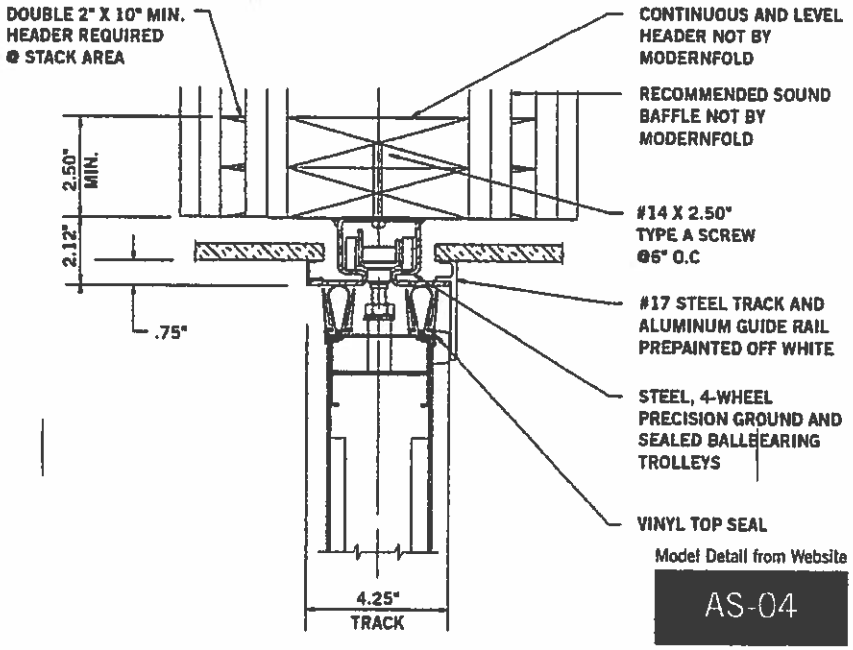


Model Detail from Website

AS-07C

ACOUSTI-SEAL® 900 SERIES TECHNICAL DATA
SUSPENSION SYSTEM OPTIONS

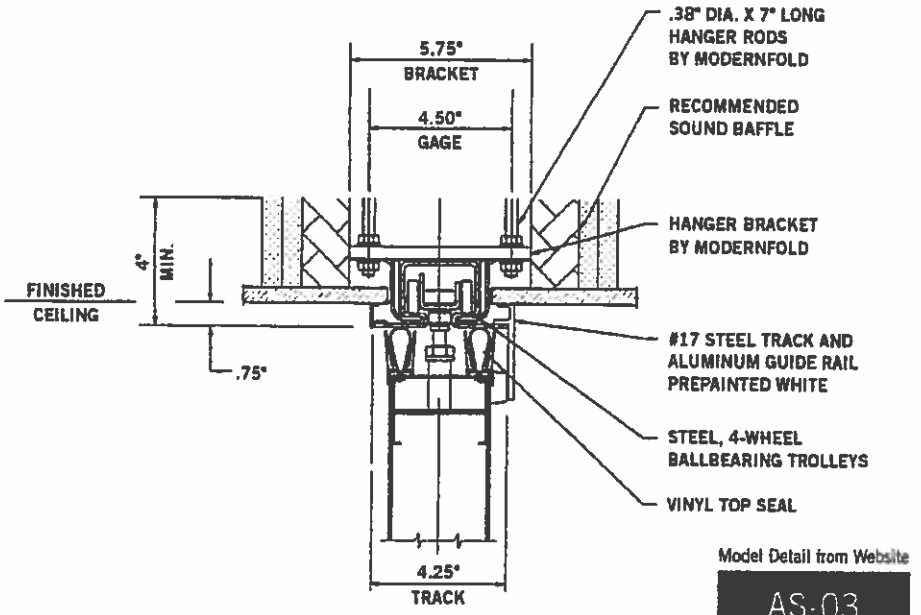
#17 Track System Direct Mount



Model Detail from Website

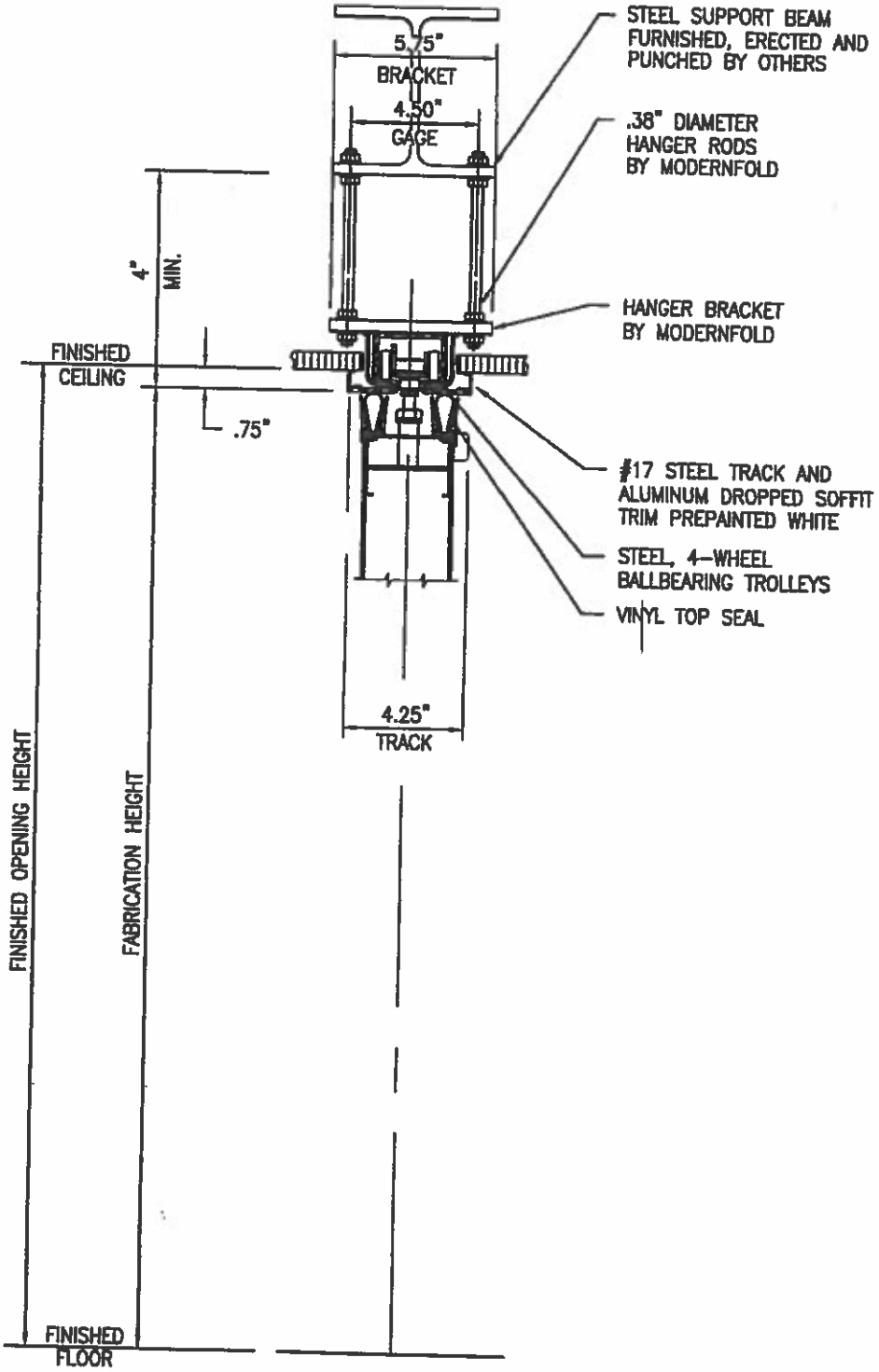
AS-04

#17 Track System Bracket Mount



Model Detail from Website

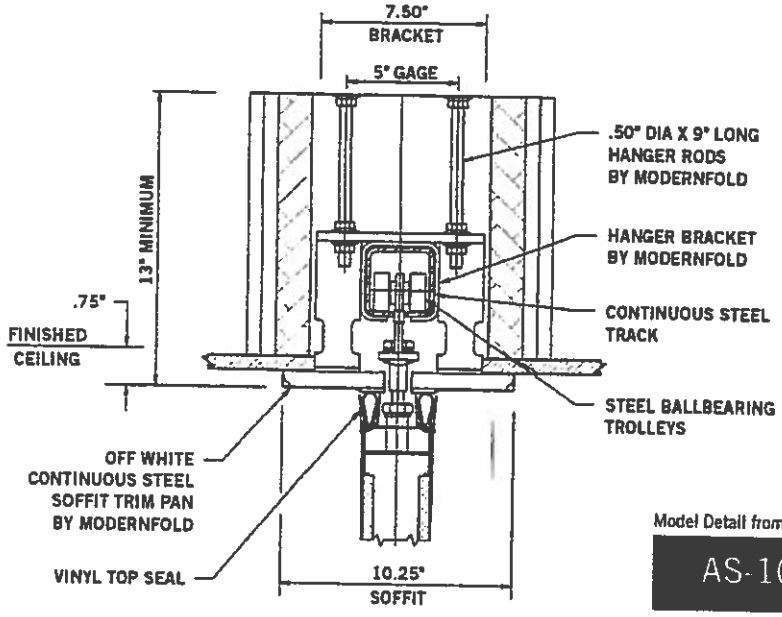
AS-03



#17 TRACK / STANDARD BRACKETS / NO GUIDERAIL / STEEL BEAM

ACOUSTI-SEAL® 900 SERIES TECHNICAL DATA
SUSPENSION SYSTEM OPTIONS

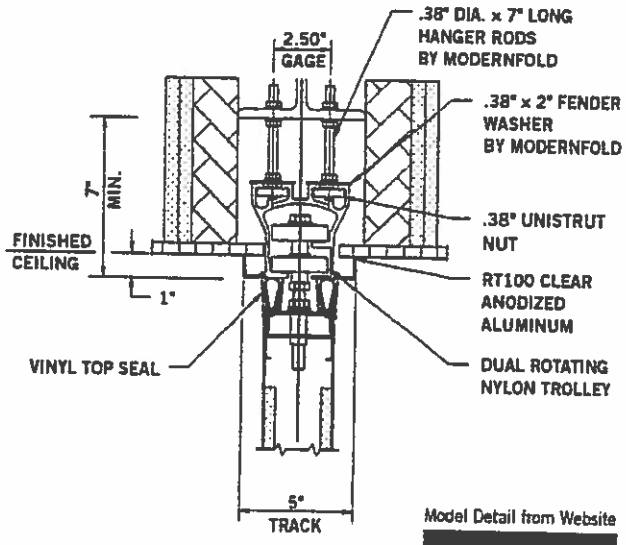
#14 Track System Bracket Mount



Model Detail from Website

AS-10

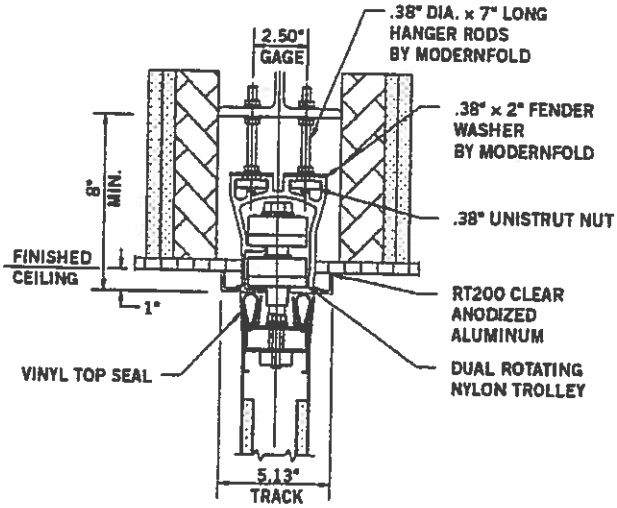
RT100 Suspension System



Model Detail from Website

AS-131

RT200 Suspension System

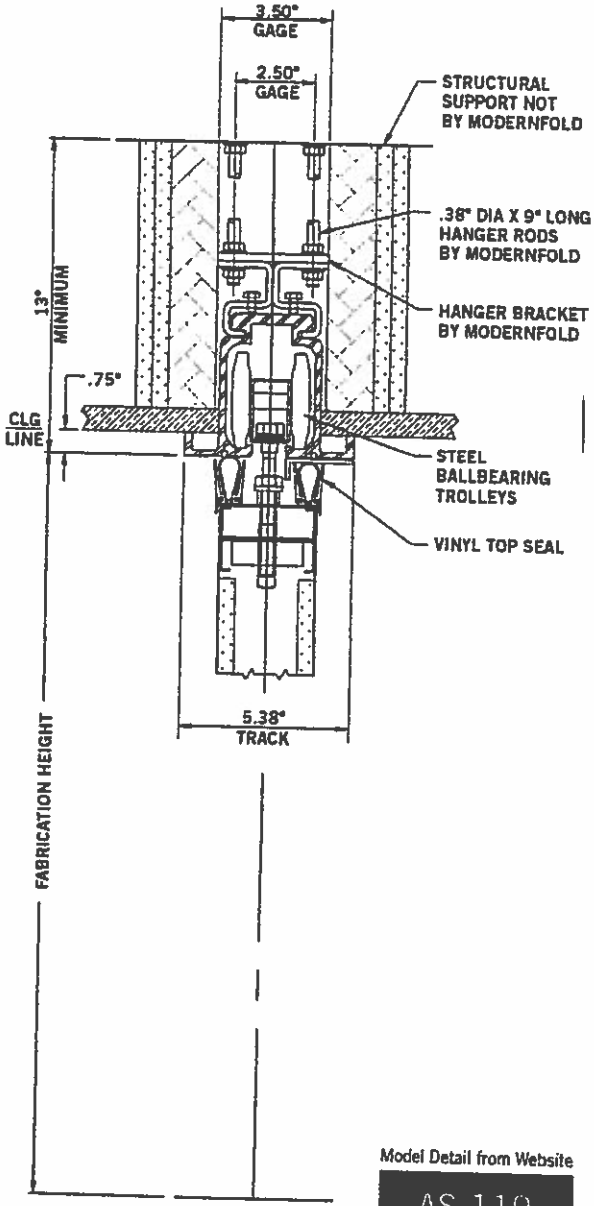


Model Detail from Website

AS-130

ACOUSTI-SEAL® 900 SERIES TECHNICAL DATA
SUSPENSION SYSTEM OPTIONS

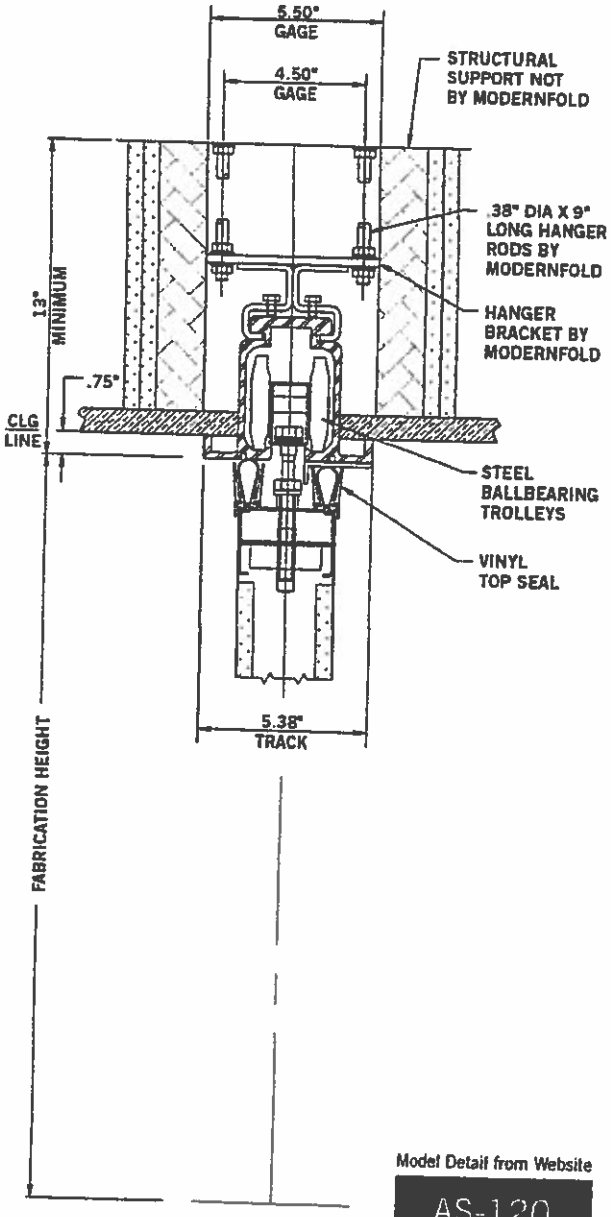
#30 Track System Standard Spacing



Model Detail from Website

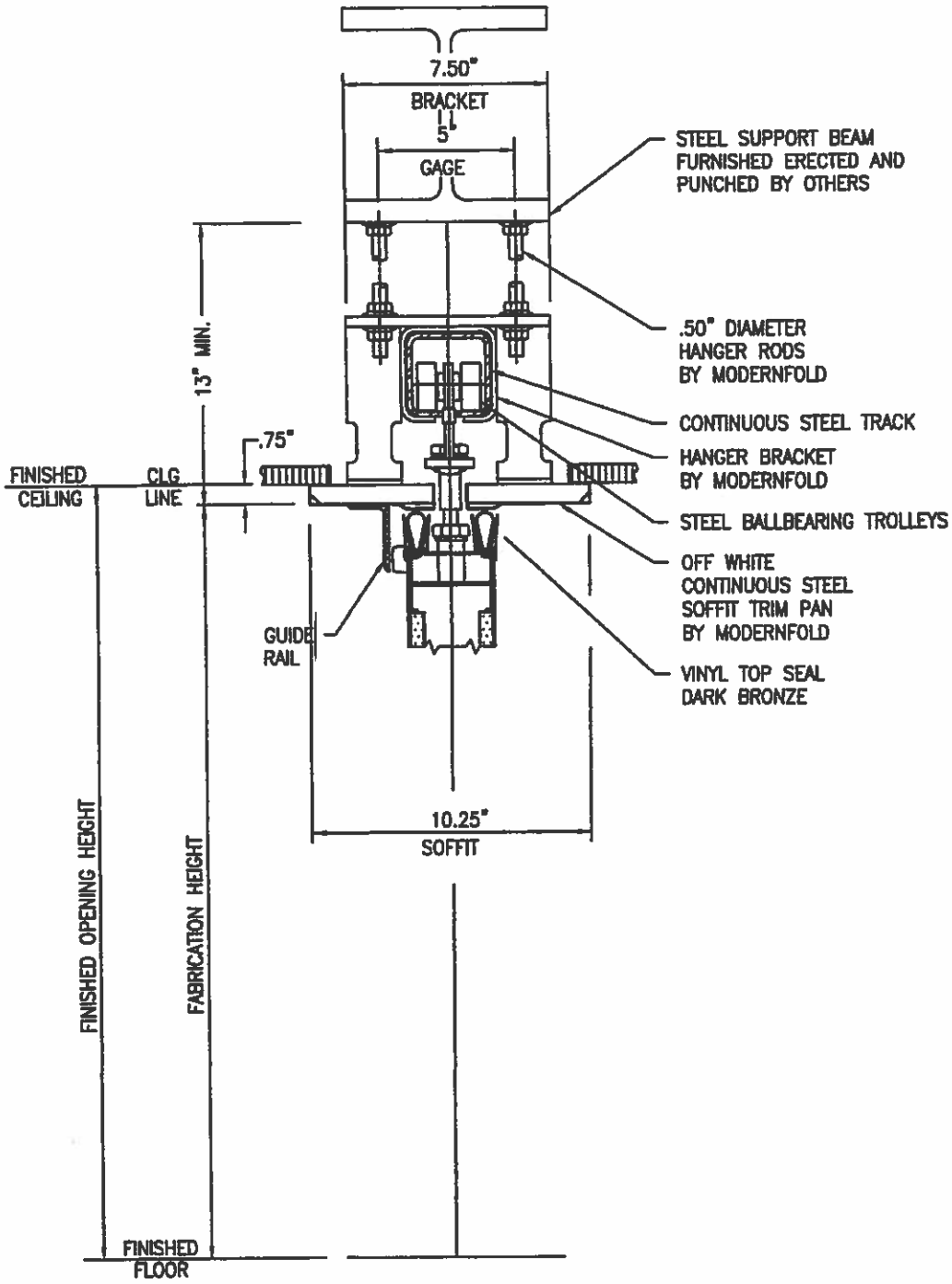
AS-119

#30 Track System Optional Wider Spacing

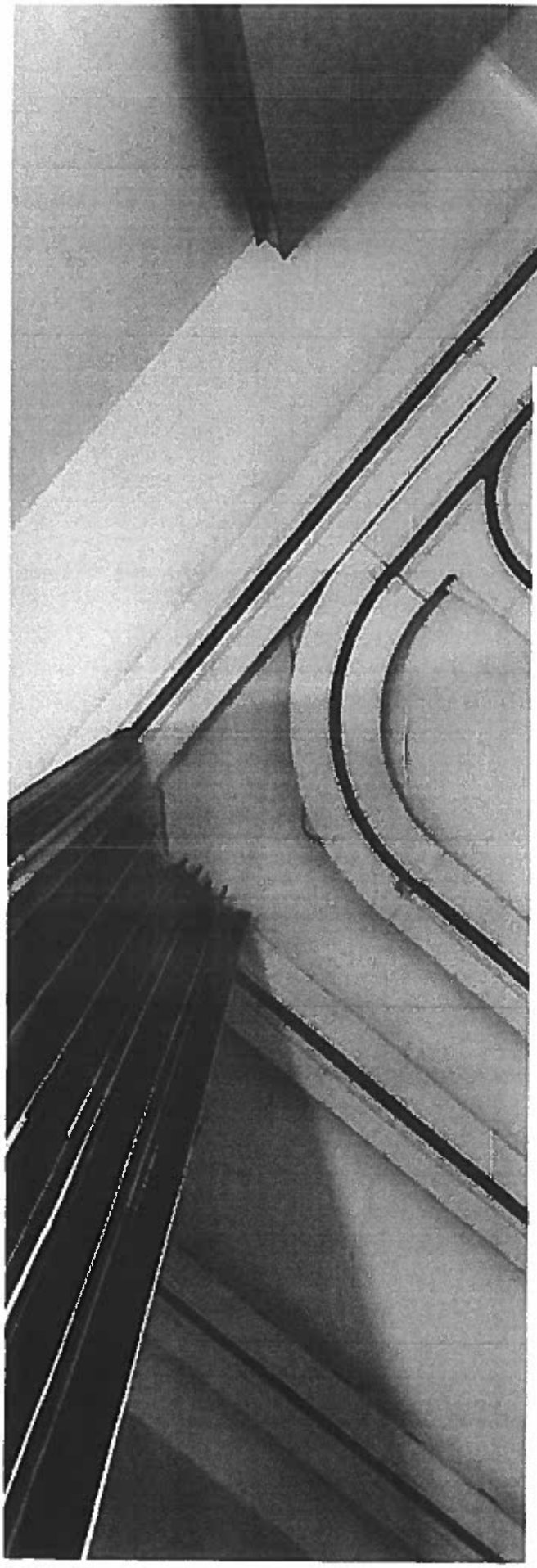


Model Detail from Website

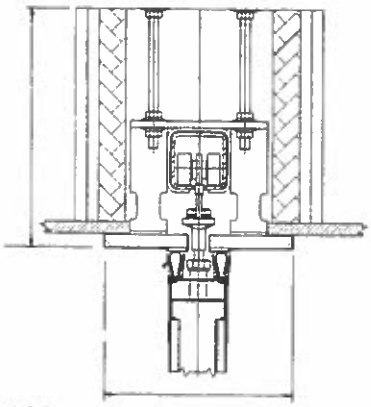
AS-120



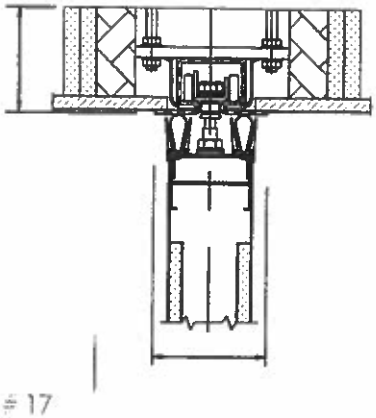
#14 TRACK / MANUAL / STEEL BEAM



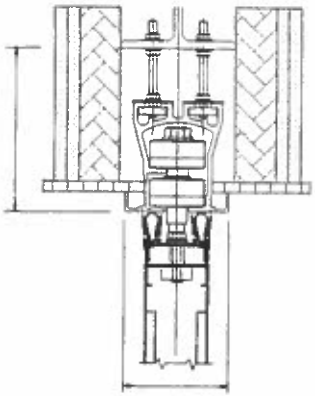
Sistemas de Rieles



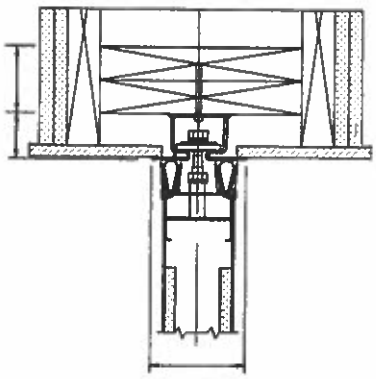
14



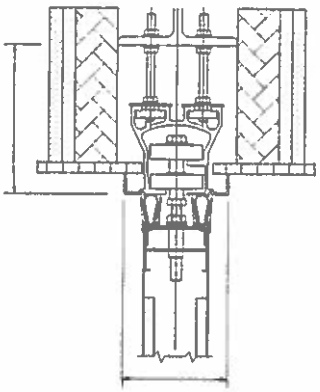
17



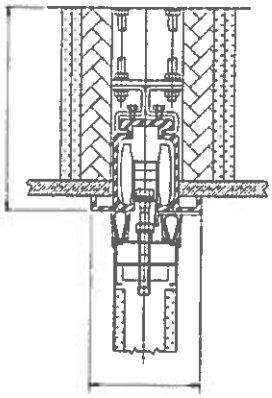
RT200



17 Ángulo Recto

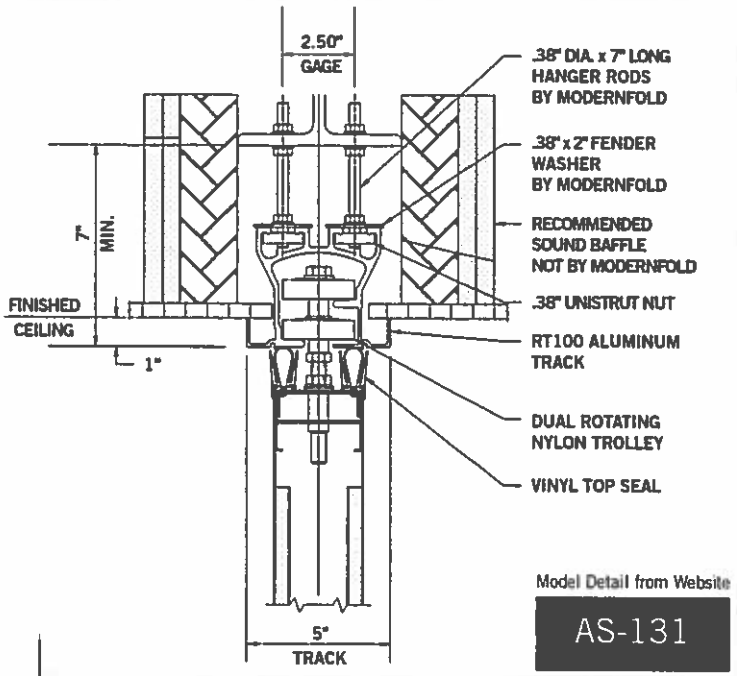


RT100



30

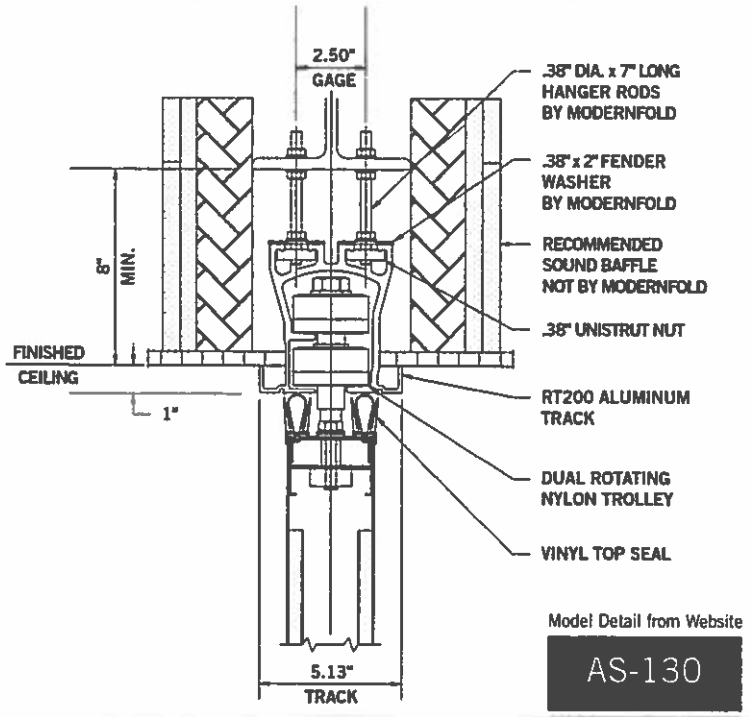
RT100 Multi-Directional Suspension System



Model Detail from Website

AS-131

RT200 Multi-Directional Suspension System



Model Detail from Website

AS-130

Optional 5-1/2-inch gage hanger brackets available.

For more information, visit ***www.modernfold.com*** or call ***800-869-9685***

Form No. 2578 7/08

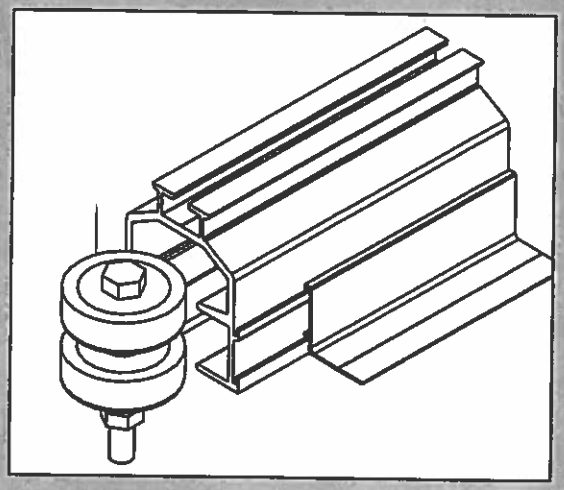
2.6 Suspension System (select one)

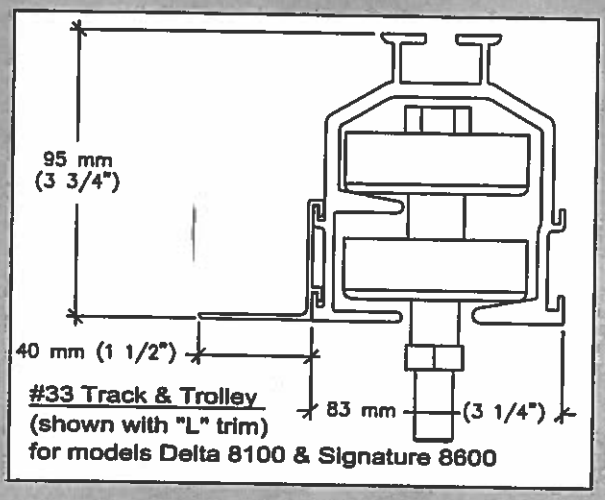
A. RT100 Multi-Directional Suspension System
1. Suspension Tracks: Precision heat-treated extruded aluminum. Track to be supported by pairs of 3/8-inch (10mm) diameter threaded rods.
   a. Exposed track soffit: Aluminum, integral to track:
      i. Pre-painted off-white.
      ii. Clear anodized aluminum.
2. Carriers: Shall have horizontal counter-rotating wheels with heavy duty steel thrust bearings. Carriers permit panels to traverse L, T, or X intersections without mechanical switching.

B. RT200 Multi-Directional Suspension System
1. Suspension Tracks: Precision heat-treated extruded aluminum. Track to be supported by pairs of 3/8-inch (10mm) diameter threaded rods.
   a. Exposed track soffit: Aluminum, integral to track:
      i. Pre-painted off-white.
      ii. Clear anodized aluminum.
2. Carriers: Shall have horizontal counter-rotating wheels with oversized, steel reinforced, heavy duty steel thrust bearings. Carriers permit panels to traverse L, T, or X intersections without mechanical switching.

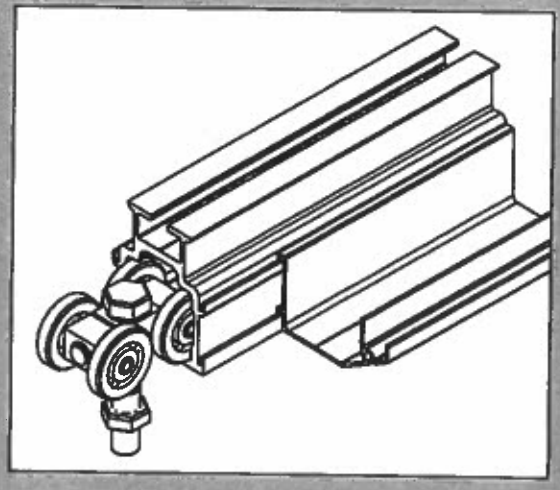
MODERCO PARTITIONS

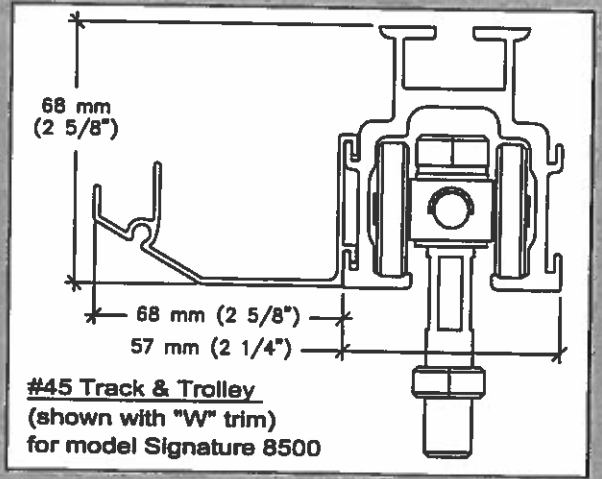
Tracks & Trolleys



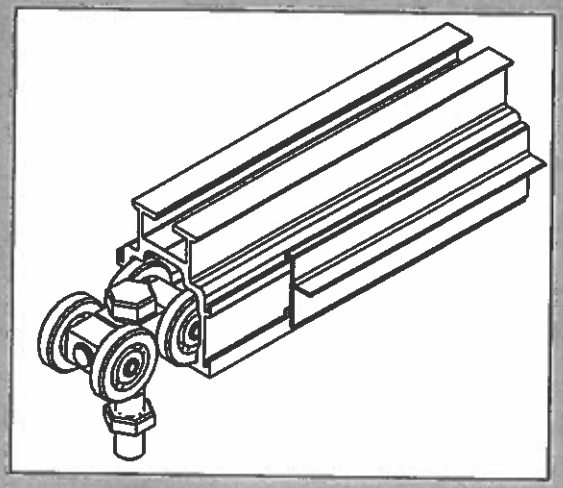


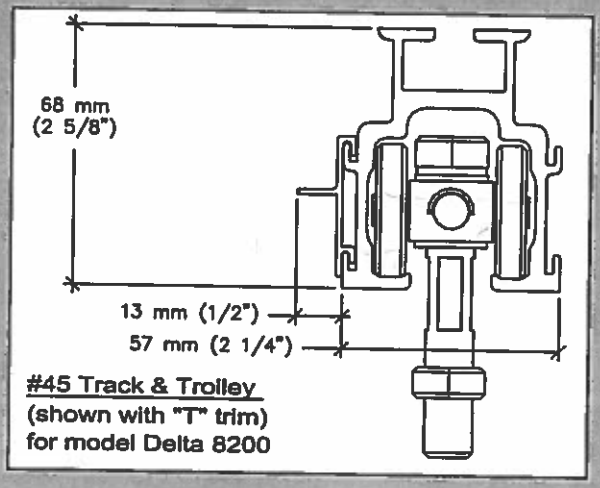
#33 Track & Trolley
(shown with "L" trim)
for models Delta 8100 & Signature 8600



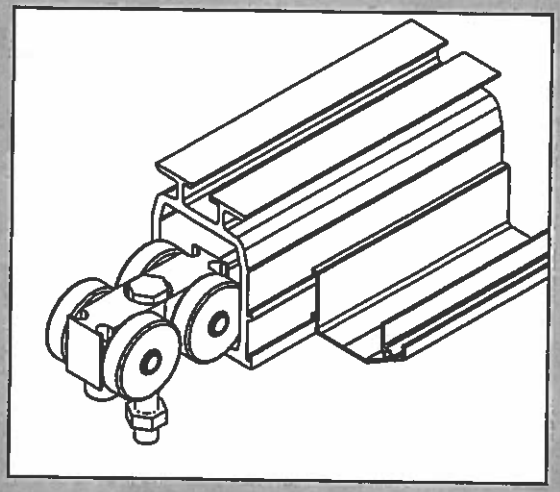


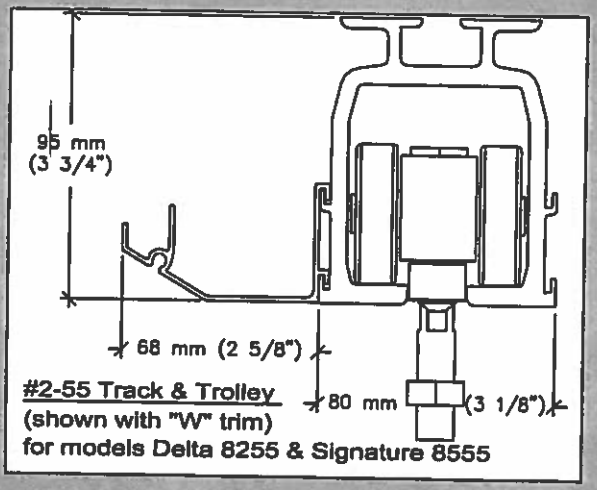
#45 Track & Trolley
(shown with "W" trim)
for model Signature 8500



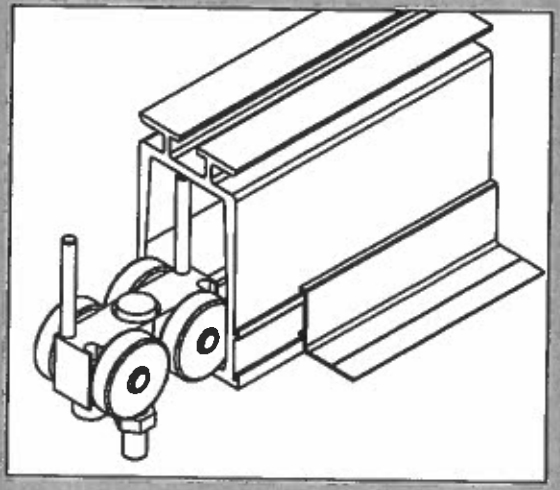


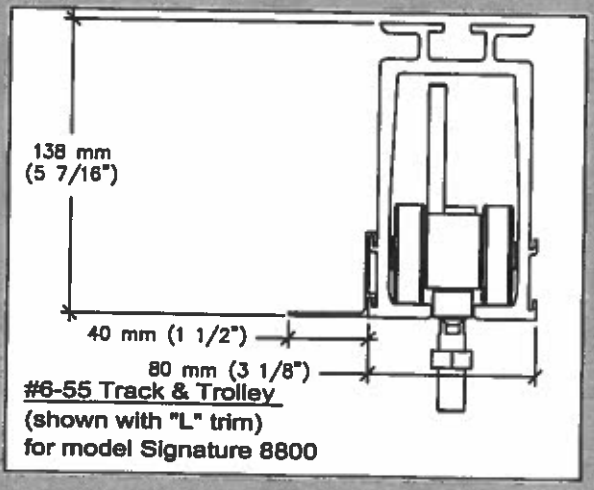
#45 Track & Trolley
(shown with "T" trim)
for model Delta 8200





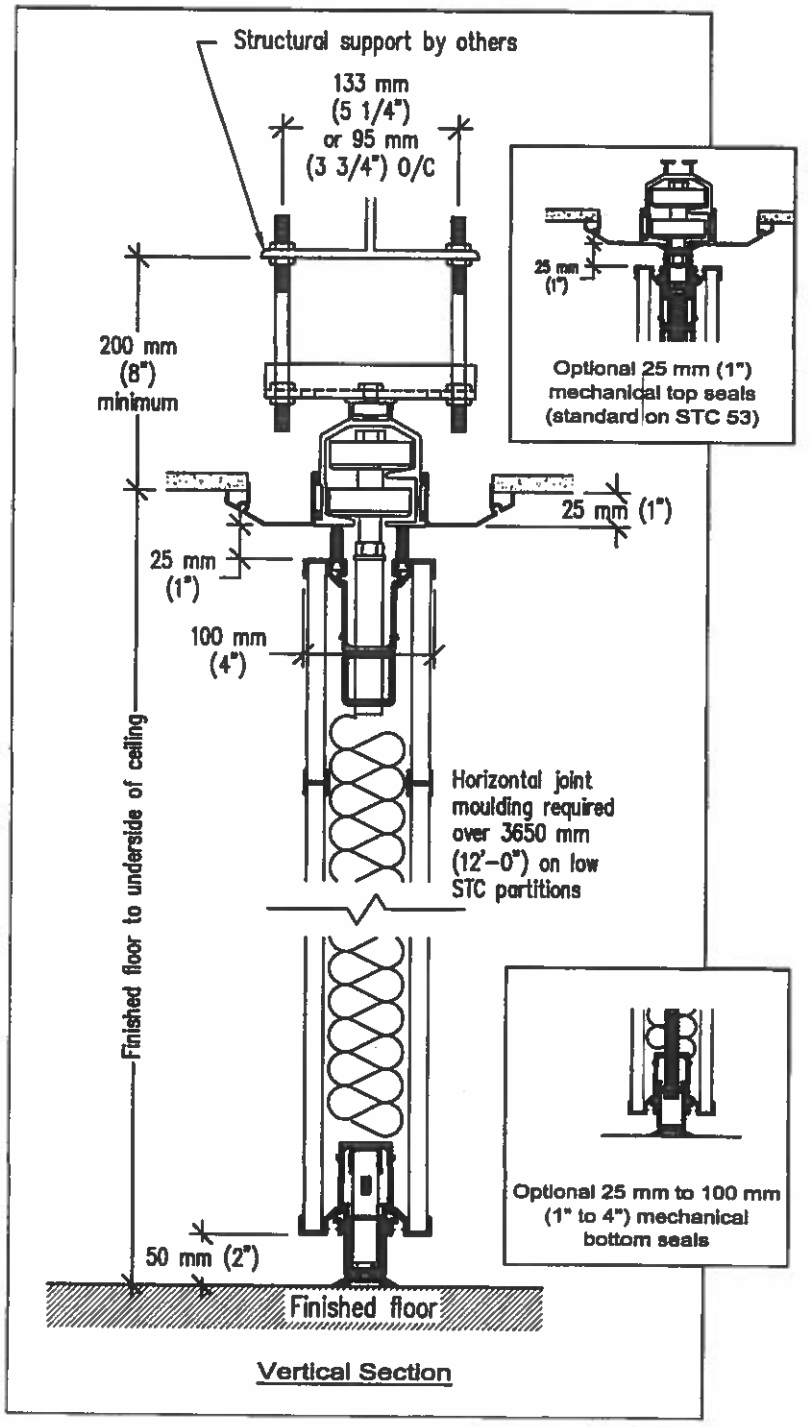
#2-55 Track & Trolley
(shown with "W" trim)
for models Delta 8255 & Signature 8555

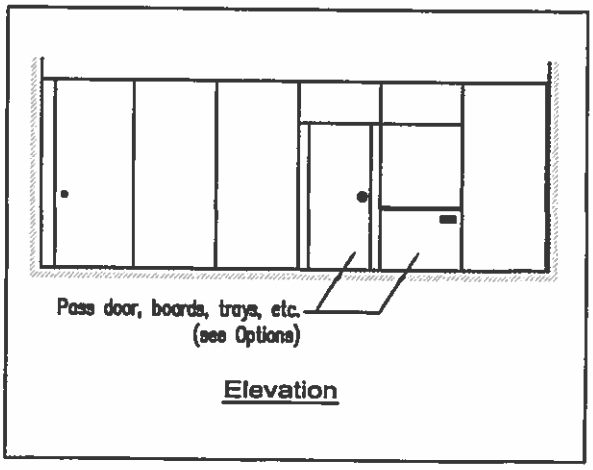




#6-55 Track & Trolley
(shown with "L" trim)
for model Signature 8800

MODERCO



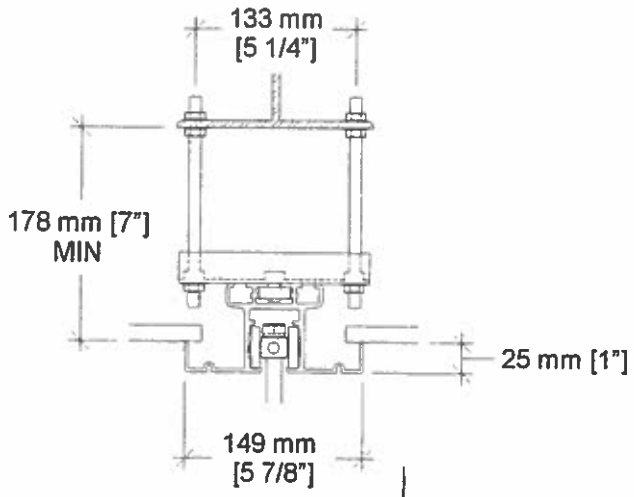


Signature 8600

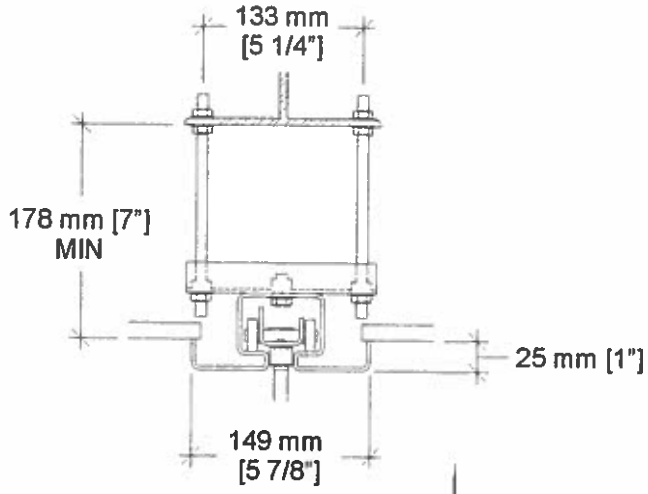
General description:

- Individual panel system
- STC of 43, 47, 49, 52, 53 or 55
- Clear anodized aluminum protective panel trims (trimless optional)
- 25mm (1") fixed top sweeps
- 50mm (2") automatic bottom seals
- 13mm (1/2") gypsum board or 24ga minimum steel faces
- Clear anodized aluminum #33 track and W-shaped soffits
- Pair of vertical axle dual wheel maintenance-free trolleys, each made from all steel precision ground bearings with glass-reinforced self-lubricating nylon tires
- Maximum height: 6170 mm (20'-3") to underside of track

Track Options



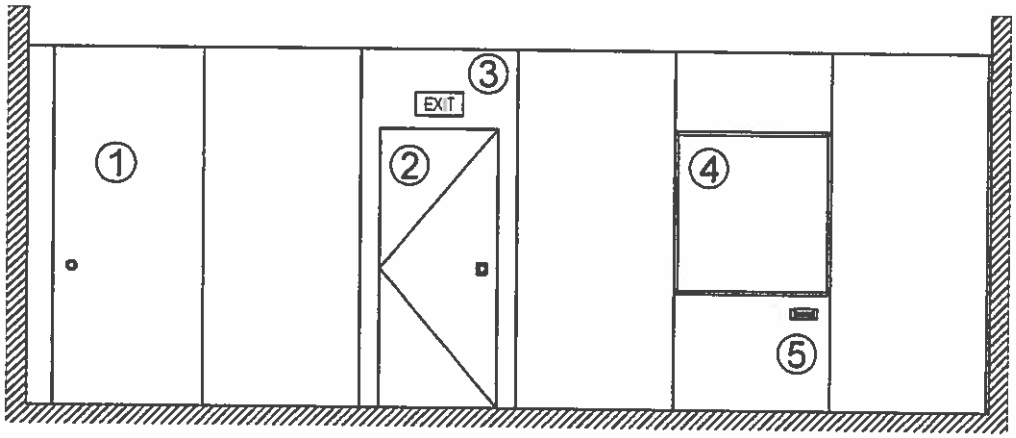
#45-T track with optional hanger bracket



Optional #72 steel track with hanger bracket

Hanger bracket required for installations where the topmost nuts cannot be used for adjustment.

Elevation



1- Telescopic closure panel
2- Single pass door
3- Self-illuminated exit sign
4- Work surface
5- Eraser box

Moduflex® Series 800 Steel Operable Walls

Moduflex Series 800 high performance operable walls have 4" (100mm) thick steel panel faces welded to steel frames in a unique unibody construction.

- **Sound loss ratings to STC 55**
- **Sound absorption to NRC .90**
- **Optional U.L.® 1 Hour fire rating**
- **Sheer Look® panel edges**
- **Heights to 44' (13411 mm)**

ACOUSTICAL PERFORMANCE

Moduflex Series 800 operable walls have attained stringent independent laboratory acoustical ratings of STC 47 to STC 55. An optional noise reduction coefficient of NRC .90 is available using steel perforated faces. Panels have vertical and horizontal acoustical seals placed in a double row labyrinth for optimum performance.

NON-COMBUSTIBLE SEAMLESS STEEL CONSTRUCTION

Rugged one-piece 14-guage steel frames are permanently and invisibly welded to one-piece seamless steel faces regardless of panel width or height. Bronze finish deep-nesting, interlocking vertical panel edges and horizontal operable seals are made of steel for extra impact strength and fire resistance.

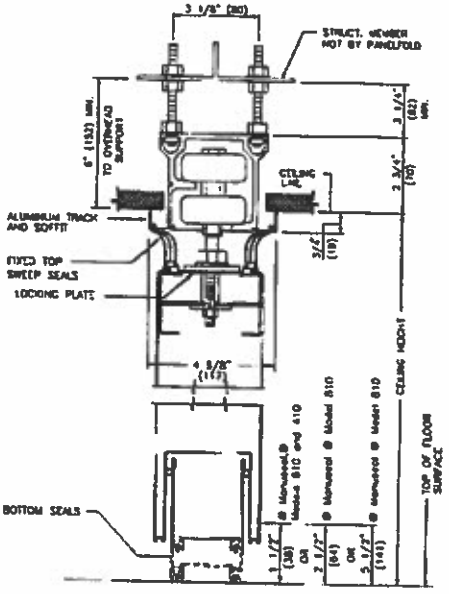
FULL RANGE FEATURES

A full range of options, including expanding panels, single and double pass-doors, self-illuminated exit signs, and chalk and marker surfaces may be specified. These elegantly styled operable walls out perform most permanent walls.

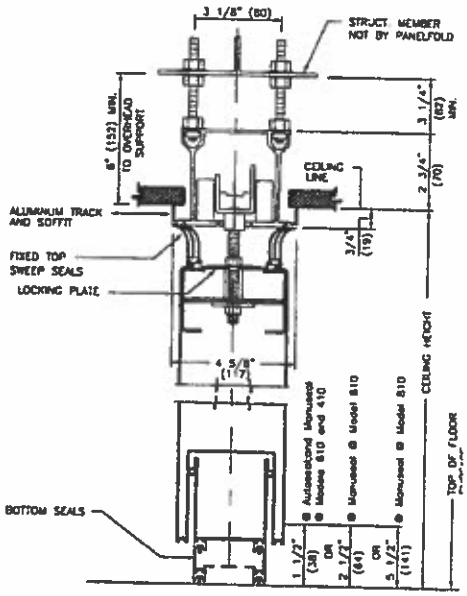
TYPICAL VERTICAL SECTION - HEAD DETAILS FOR MODUFLEX® WALLS

For complete details, see Product Briefs, Interactive CD-ROM or Panelfold website at **www.panelfold.com**

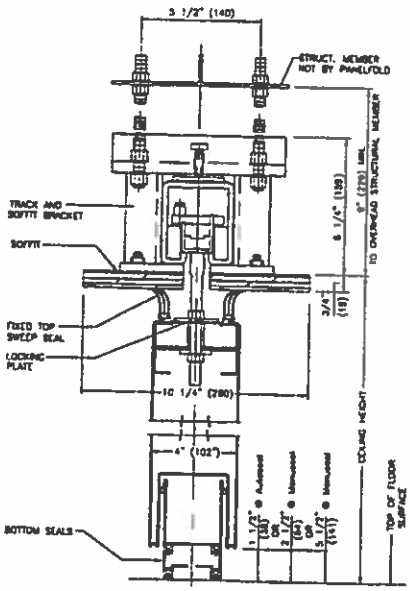
MULTI-DIRECTIONAL
INDIVIDUAL PANELS
MODELS 810/610/410
TYPE 9 ALUMINUM TRACK



PRE-PROGRAMMED
INDIVIDUAL PANELS
MODELS 810/610/410
TYPE 7/8 ALUMINUM TRACK



PRE-PROGRAMMED
INDIVIDUAL PANELS
MODEL 810
TYPE 5 STEEL TRACK



All Dimensions Shown in Parentheses are Millimeters

BOTTOM SEALS

Clearance type seal in retracted position.

Seal lowered to floor. Models with 1 1/2" (38mm), 2 1/2"(64mm), and 5 1/2" (141mm) clearance are available. Automatically actuated seals have 1 1/2" (38mm)

C. Horizontal Bottom Trim and Seals: Bottom seals shall consist of multiple fingers of flexible vinyl for positive contact and sealing with various floor surfaces. Bottom seal type shall be (select):

1. Standard Operable Bottom Seals: consisting of an edge-activated seal using a removable wrench as supplied by manufacturer. Bottom seals shall provide 3" [76] of nominal travel.
2. Optional Adjustable Bottom Seals: consisting of field-adjustable, continuous-contact vinyl sweep seals that allow for ¾" [19] of nominal adjustment.
3. Optional Automatic Bottom Seals: consisting of self-activated seals providing 1½" [38] of nominal travel.

D. Horizontal and Vertical Panel Trim: All exposed panel trim and hinges shall be of one (1) similar color (select):

1. Dark Bronze.
2. Grey.

2.07 CLOSURE SYSTEMS

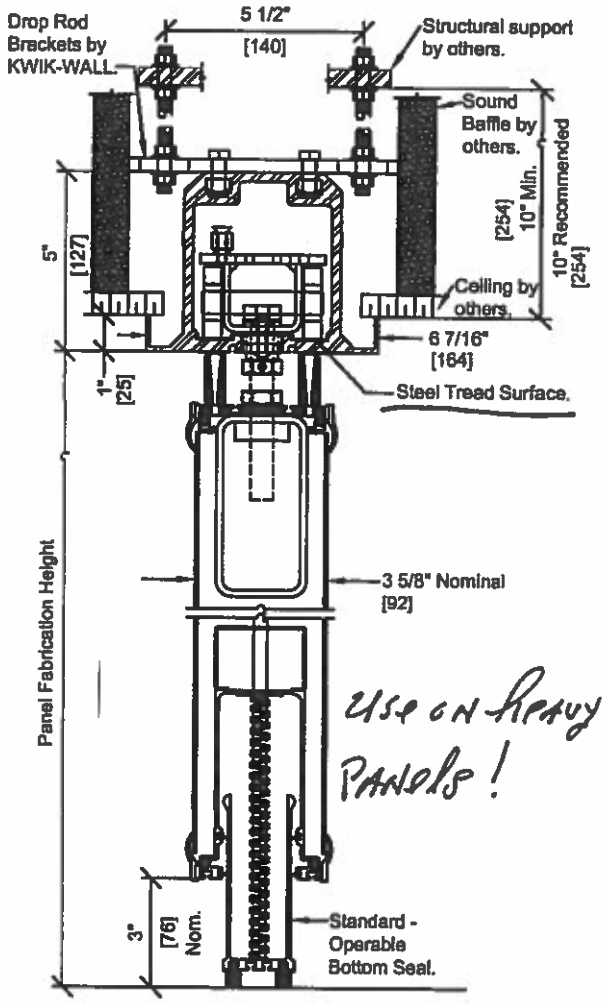
A. Initial Closure System: The lead panel (the first panel exiting the stack) shall form a seal vertically against a rigid wall surface, as accomplished by a (select):

1. Standard Bulb Seal: consisting of continuous-contact, flexible vinyl bulb seals installed along the vertical edge of the lead panel for positive compression against a rigid wall surface.
2. Optional Fixed Starter Jamb: consisting of an aluminum extrusion, which is permanently mounted to a structural wall surface. The Fixed Starter Jamb shall incorporate a tongue-and-groove-type vertical astragal for positive interlocking with the lead panel.
3. Optional Adjustable Starter Jamb: consisting of an aluminum extrusion which is permanently mounted to a structural wall surface and is field-adjustable to compensate for out-of-plumb conditions of the fixed wall. The Adjustable Starter Jamb shall incorporate a tongue-and-groove-type vertical astragal for positive interlocking with the lead panel.

B. Final Closure System: The final closure panel (the last panel exiting the stack) shall form a seal vertically against a rigid wall surface. The type of final closure panel shall be (select):

1. Standard Hinged Panel(s) Closure: consisting of a panel(s) hinged permanently and directly to a permanent wall surface. The Hinged Panel(s) shall be equipped with an adjustable bottom seal, an expander mechanism with a nominal 5" [127] of travel, activated from the face of the panel using a removable wrench, and a flush pull handle on each side of the panel.
2. Optional Expander Panel Closure: consisting of an expander mechanism with a nominal 5" [127] of travel, activated from the face of the panel using a removable wrench. The Expander Panel shall be equipped with an adjustable bottom seal (standard) or (optional) operable bottom seal, and a flush pull handle on one side of the panel.
3. Optional Pocket Door(s): (see "Series 4000 Pocket Door" brochure for complete details and specifications).

Note: Optional Automatic Bottom Seal is not available in conjunction with Final Closure panel(s).



Heavy Duty Curve & Diverter Steel Track System No
with Standard Steel Wheel Carrier Yes
+ Misleading!

2.08 ACOUSTICAL PERFORMANCE

A. Certification: The operable wall shall have been tested in an independent acoustical testing laboratory in accordance with ASTM E 90 and ASTM E 413 test procedures.

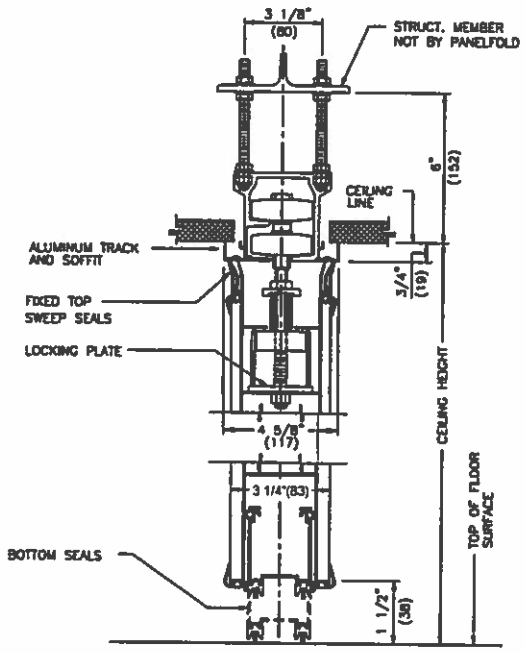
B. STC Rating: The operable wall acoustical performance rating shall be based on Standard Steel Skin Construction with a standard rating of 53 STC, or optional rating of 55 STC.

2.09 PANEL ACCESSORIES

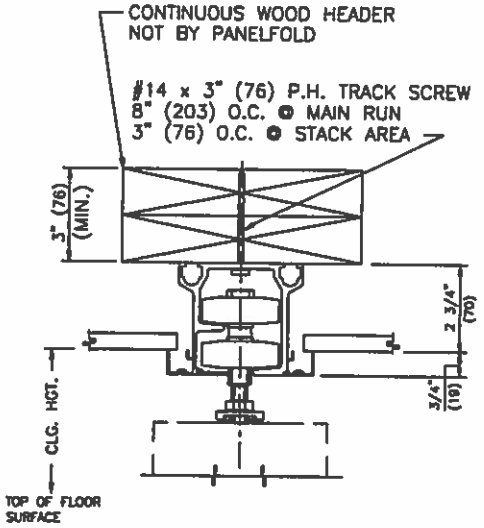
A. Accessories including Pass Doors; Single or Double, Keyed Cylinder Locks, Concealed Door Closures, Room Viewers, Exit Signs, Dry Marker Writing Surfaces, Recessed Eraser Trays, Vision Lites, Tack Surfaces and Pocket Doors shall be compatible with other accessories and options, furnished and installed by the

Moduflex® SERIES 400
Individual Panels Model 410 MD

VERTICAL SECTION - HEAD DETAILS - TYPE 9 ALUMINUM TRACK
HEIGHTS TO 16'-3" (4953)



TYPE 9 TRACK
HANGER ROD SUSPENSION

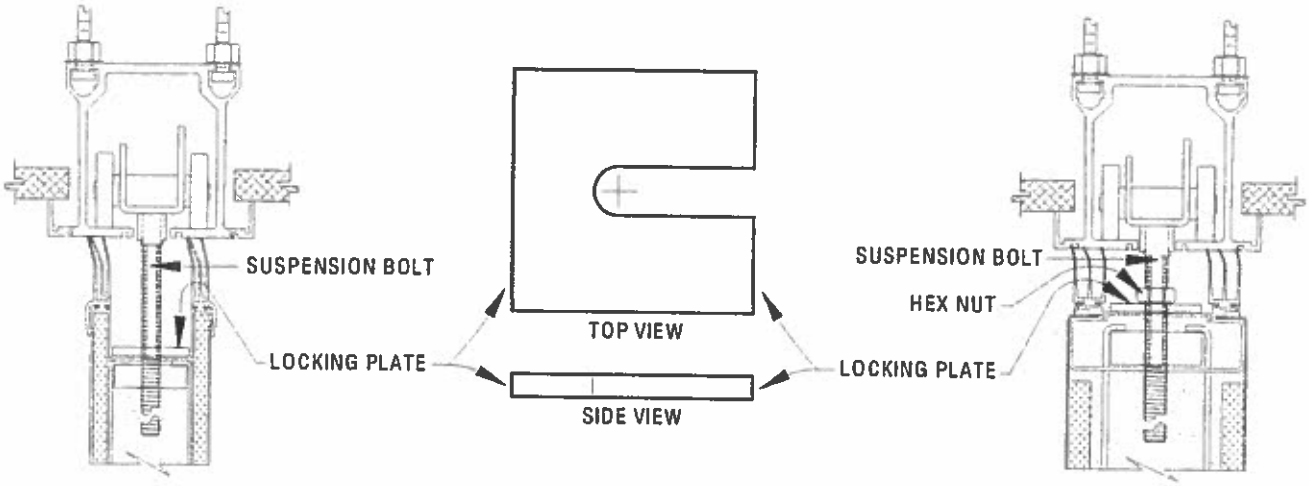


TYPE 9 TRACK
DIRECT MOUNT

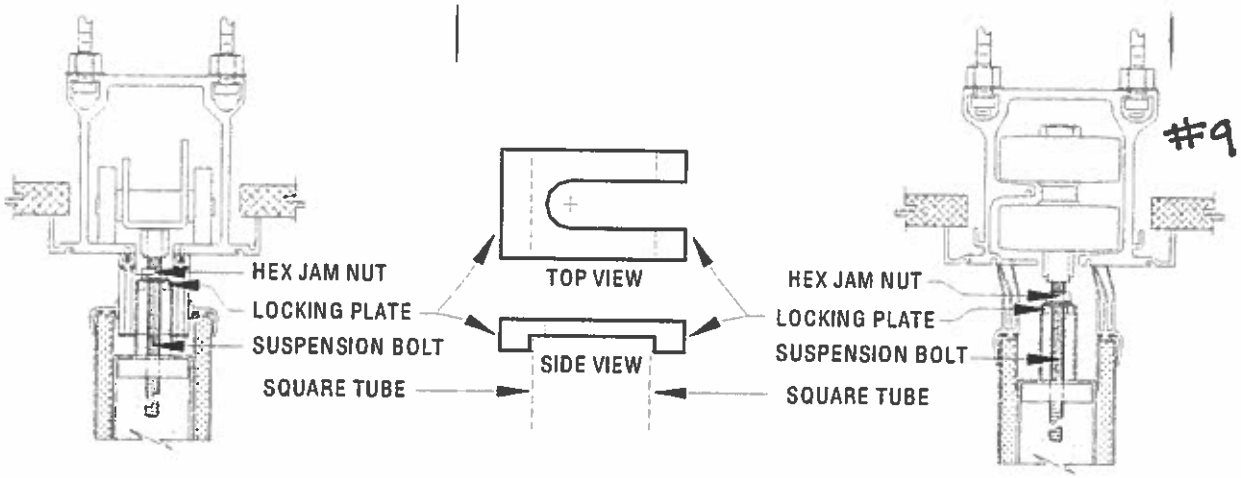
All dimensions shown in parentheses are millimeters. Scale: N.T.S.

Suspension Locking Plates

Panelfold operable wall panels are suspended from trolleys that are attached to the panel by a threaded suspension bolt that is fitted with a locking plate of one of the types shown below.



LOCKING PLATE INSTALLED ON PANEL THAT HAS TOP SWEEPSEALS



LOCKING PLATE INSTALLED ON PANEL THAT HAS A TOP OPERABLE SEAL AND/OR THAT HAS MULTI-DIRECTIONAL WHEELS

⚠ CAUTION: LOCKING PLATES MUST NEVER BE REMOVED, except by an authorized Panelfold service technician, and, then, only momentarily while adjusting the elevation or plumb of a panel. Moving a panel with a locking plate removed may result in the suspension bolt un-threading from the panel, causing the panel to fall.