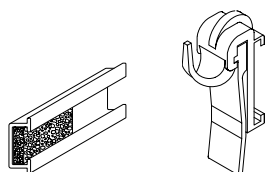


CP Distributors Ltd.

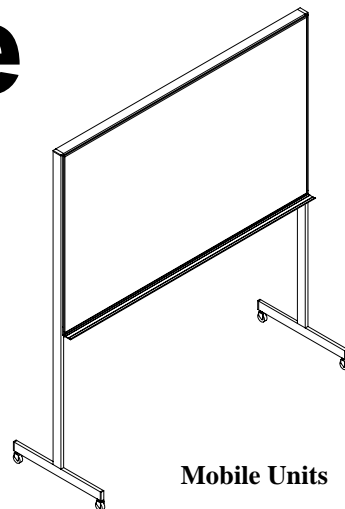
Manufacturers and Distributors of Quality Construction Products For Over 40 Years

Catalogue

Chalkboards



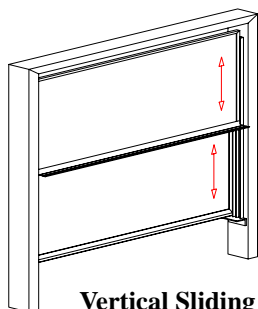
Maprails and Accessories



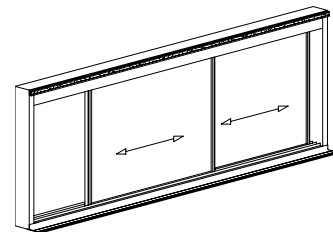
Mobile Units

Whiteboards

Tackboards



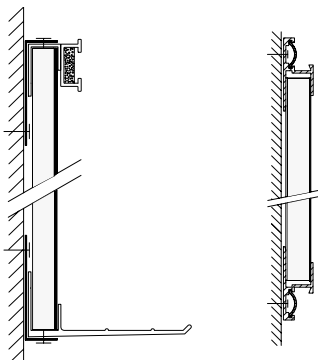
Vertical Sliding Units



Horizontal Sliding Units

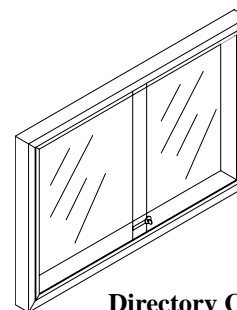
Display Cases

Directory Boards



Aluminum Trim Systems

Sliding / Mobile Boards



Directory Cases

SASKATOON ■ REGINA ■ EDMONTON ■ CALGARY ■ SURREY



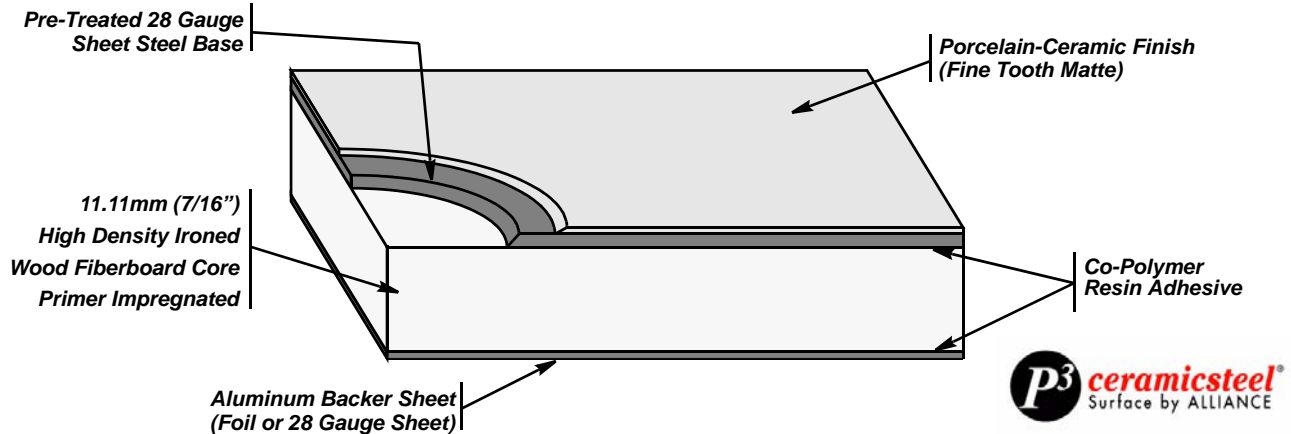
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Versaceram 2FB Chalkboard

10100

Writing Surfaces



- Polyvision Alliance P³ ceramicsteel chalkboard surface is the finest available.
- The porcelain surface is guaranteed for the life of the original installation.¹
- Porcelain chalkboard surfaces set the standard for all school construction.
- Porcelain/ceramic on steel surfaces are ideal for all magnets and magnetic impregnated materials.
- New improved matte finish produces solid chalk line with minimal dust.
- Low reflective surface provides maximum chalk contrast with no glare.
- Chalk eraser removes marks completely, retaining minimum residual chalk dust.
- Easily washable with most mild soaps and detergents. Surface not affected by most strong cleaners and basically nonstaining due to nonporous surface.
- Vitrified glass-hard porcelain surface is fused to steel at temperatures of approximately 1200°F.
- High resistance to impact damage, abrasion, scratching and colour fading.
- Scratch and abrasion resistance registers 6.5 on revised Moh's scale.
- Porcelain/ceramic on steel is 100% non-combustible, with Class 1 finish retaining. 0-0-0 fire hazard classification.
- Panels are relatively lightweight in comparison to other core materials which allows for easier handling and installation.
- Standard wood fiberboard thickness is 11.11mm (7/16"). Overall finished panel thickness is approximately 12.7mm (1/2").
- Tempered aluminum foil is the standard backing sheet used for fixed mounting applications.
- 28 gauge aluminum sheet is required for sliding and removable panel applications.
- Optional 24 gauge writing surface is available by special order ². Minimum order quantities may apply. Consult factory for details.

STANDARD SIZES

2' x 4'	(610mm x 1219mm)
3' x 4'	(914mm x 1219mm)
4' x 4'	(1219mm x 1219mm)
5' x 4'	(1524mm x 1219mm)
6' x 4'	(1828mm x 1219mm)
8' x 4'	(2438mm x 1219mm)
10' x 4'	(3048mm x 1219mm)
12' x 4'	(3657mm x 1219mm)

STOCK COLOUR RANGE

6500U	Green
6502U	Grey
6501U	Black

Other colours available on a special order basis only (minimum order quantities and upcharges may apply). Consult your nearest CP Distributors Branch for further details.

IMPORTANT NOTES

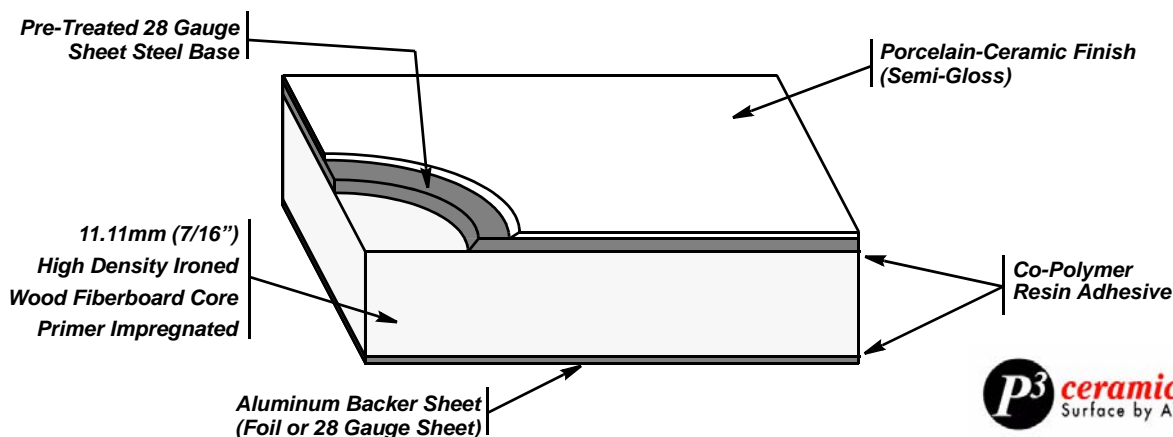
¹The lifetime warranty on the writing surface is subject to the terms and conditions outlined in the product specifications section of this catalogue. (NOTE: The panel construction is warranted against material and workmanship defects for a period of one year.)

² We highly recommend the 28 gauge surface as it's manufacturer suggests the bonding characteristics of the porcelain ceramic to steel are more favorable when using lighter gauge material. The life expectancy of the writing surface is in no way compromised by using lighter gauge material.





Versaceram 2FB Whiteboard



- Polyvision Alliance P³ceramicsteel markerboard surface is the finest available.
- The porcelain surface is guaranteed for the life of the original installation.¹
- P³ceramicsteel whiteboard surfaces set the standard for all school construction.
- P³ceramicsteel surfaces are ideal for all magnets and magnetic impregnated materials. Surfaces will not be damaged by contact with magnetic devices.
- Can be written on with any dry erase, semi-permanent, water-soluble, permanent marker, pen, or crayon without damaging the surface. Dry erase marker in can be wiped off with a dry cloth or standard eraser. Other mediums can be removed with a solvent based or light abrasive cleaner.
- Ultra-smooth writing surface. Surface distortion (orange peel effect) has been reduced by 44% over the original surface. May be used as an alternate source for a projection surface.
- Vitrified glass-hard porcelain surface is fused to steel at temperatures of approximately 1500°F.
- High resistance to impact damage, abrasion, scratching and colour fading.
- Scratch and abrasion resistance registers 6.5 on revised Moh's scale.
- Porcelain/ceramic on steel is 100% non-combustible, with Class 1 finish retaining. 0-0-0 fire hazard classification.
- Panels are relatively lightweight in comparison to other core materials which allows for easier handling and installation.
- Standard wood fiberboard thickness is 11.11mm (7/16"). Overall finished panel thickness is approximately 12.7mm (1/2").
- Tempered aluminum foil is the standard backing sheet used for fixed mounting applications.
- 28 gauge aluminum sheet is required for sliding and removable panel applications.
- Optional 24 gauge writing surface is available by special order ². Minimum order quantities may apply. Consult factory for details.

STANDARD SIZES

2' x 4'	(610mm x 1219mm)
3' x 4'	(914mm x 1219mm)
4' x 4'	(1219mm x 1219mm)
5' x 4'	(1524mm x 1219mm)
6' x 4'	(1828mm x 1219mm)
8' x 4'	(2438mm x 1219mm)
10' x 4'	(3048mm x 1219mm)
12' x 4'	(3657mm x 1219mm)

STOCK COLOUR RANGE

6100H White

Other colours available on a special order basis only (minimum order quantities and upcharges may apply). Consult your nearest CP Distributors Branch for further details.

IMPORTANT NOTES

¹The lifetime warranty on the writing surface is subject to the terms and conditions outlined in the product specifications section of this catalogue. (NOTE: The panel construction is warranted against material and workmanship defects for a period of one year.)

² We highly recommend the 28 gauge surface as it's manufacturer suggests the bonding characteristics of the porcelain ceramic to steel are more favorable when using lighter gauge material. The life expectancy of the writing surface is in no way compromised by using lighter gauge material.

Vinyltac 2EP / 2EW

10100

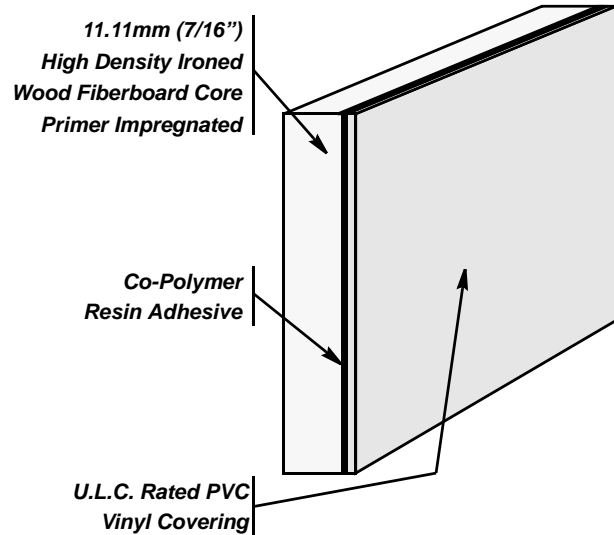
- **The most popular of our tackboard lines.**
- **Vinyltac tackboards are very economical.**
- **The P.V.C. vinyl surface is completely washable and maintains its neat, finished appearance indefinitely.**
- Vinyltac tackboards are an industry standard for school construction.
- "Tweed" pattern vinyl covering has a flame spread rating of 10.¹
- Available with plain edges (2EP) requiring a trim system or with wrapped self finishing edges (2EW).
- The textured "Tweed" pattern helps to conceal holes when tacks are removed.
- Vinyltac is available in a wide range of decorator colours to suit almost any decor. Custom colours/patterns are available on special order (minimum order quantities may apply).
- The wood fiberboard core is lightweight and provides an excellent tackable medium.
- Standard wood fiberboard thickness is 11.11mm (7/16"). Overall finished panel thickness is approximately 12.7mm (1/2").
- Optional foil backing available where a moisture barrier is required.
- Vinyl is also available separately for recovering existing tackboard panels.
- Panels available up to 12' x 4' in a single panel.

STANDARD SIZES:

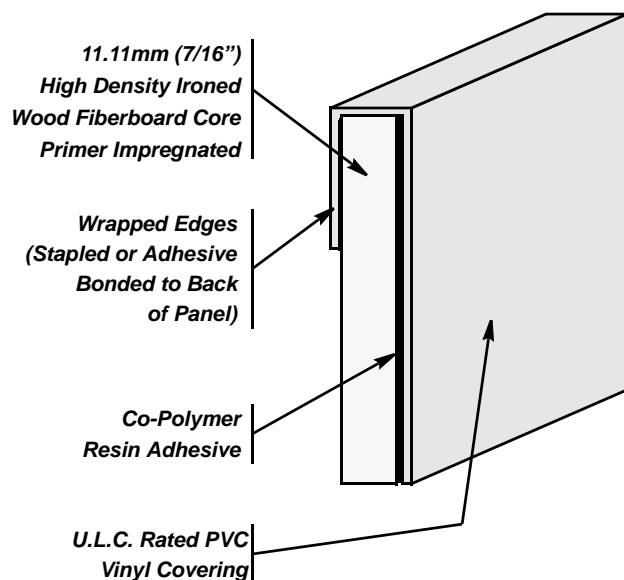
2' x 4'	(610mm x 1219mm)
3' x 4'	(915mm x 1219mm)
4' x 4'	(1219mm x 1219mm)
5' x 4'	(1524mm x 1219mm)
6' x 4'	(1829mm x 1219mm)
8' x 4'	(2438mm x 1219mm)
10' x 4'	(3048mm x 1219mm)
12' x 4'	(3658mm x 1219mm)

STOCK COLOUR RANGE:

Please refer to our Vinyltac Stock Colour Range swatch card for current colour selection.



Vinyltac 2EP



Vinyltac 2EW

Tackboard Panels

CP Distributors Ltd. Chalkboard and Tackboard Division



1. Flame spread rating determined by the CAN/ULC-S102M test method. Smoke developed rating of 25.

FabRICTAC 2EP / 2EW

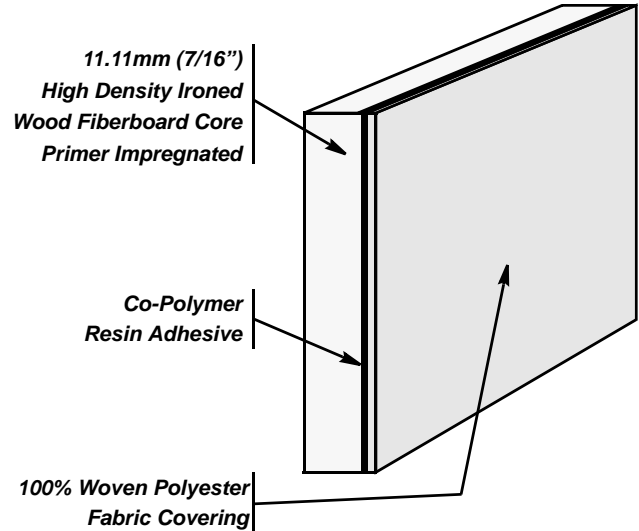
- **The most visually appealing of our tackboard lines.**
- **FabRICTAC is highly recommended where aesthetics are a must such as office environments.**
- **FabRICTAC tackboards feature a richly woven 100% Polyester fabric covering.**
- **Available in a wide range of 13 designer colours suitable for any decor.**
- **Puncture holes from tacks virtually disappear when tacks are removed!**
- Available with plain edges (2EP) requiring a trim system or with wrapped self finishing edges (2EW).
- Custom colours/patterns are available on special order (minimum order quantities apply).
- The wood fiberboard core is lightweight and provides an excellent tackable medium.
- Standard wood fiberboard thickness is 11.11mm (7/16"). Overall finished panel thickness is approximately 12.7mm (1/2").
- Optional foil backing available for sliding panels or where a moisture barrier is required.
- Panels available up to 12' x 4' in a single panel.

STANDARD SIZES:

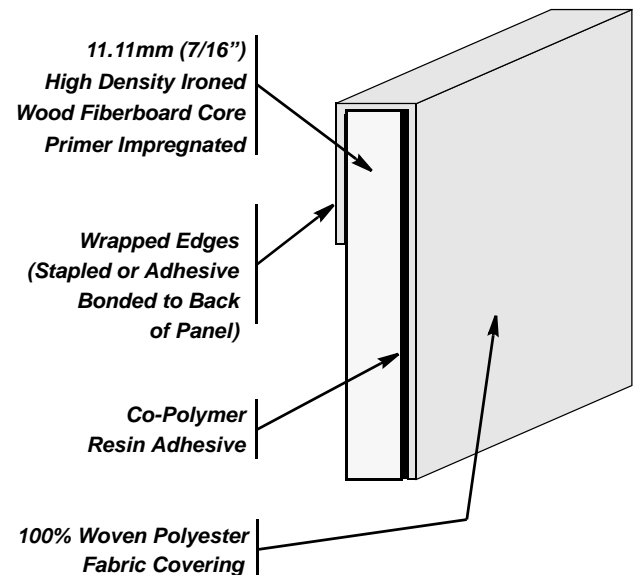
2' x 4'	(610mm x 1219mm)
3' x 4'	(915mm x 1219mm)
4' x 4'	(1219mm x 1219mm)
5' x 4'	(1524mm x 1219mm)
6' x 4'	(1829mm x 1219mm)
8' x 4'	(2438mm x 1219mm)
10' x 4'	(3048mm x 1219mm)
12' x 4'	(3658mm x 1219mm)

STOCK COLOUR RANGE:

Refer to our Ultra-Panel F.R. fabric swatch card for current colour selection.



FabRICTAC 2EP

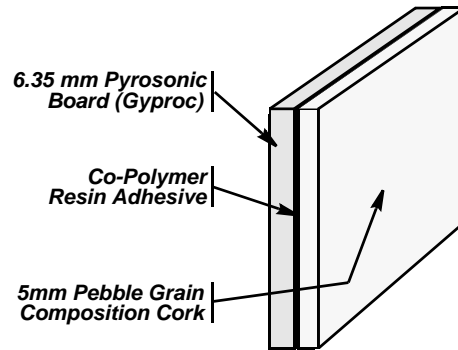


FabRICTAC 2EW

Corktac Tackboards

Corktac 2GB

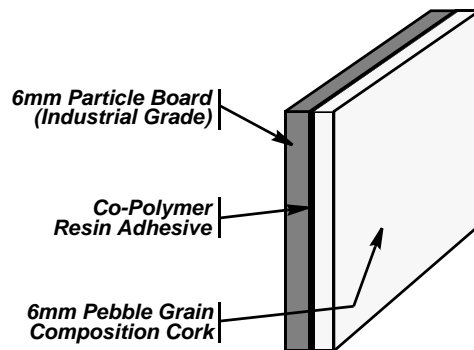
- **Corktac 2GB is our most popular, general purpose cork based tackboard.**
- **The warmth of natural cork is suitable in almost any decor.**
- The pyrosonic (gypsum board) backing allows push-pins to be advanced fully into the panel increasing their holding strength.
- 5mm Pebble Grain natural composition cork is standard. Optional 6mm Pebble Grain is also available upon request.¹



Corktac 2GB

Corktac 2PB

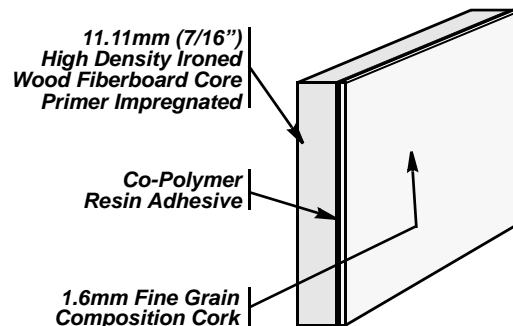
- Corktac 2PB offers the same quality posting surface as Corktac 2GB but utilizes top quality particle board backing instead of pyrosonic board.
- Corktac 2PB provides a stronger panel construction making it more suitable for sliding panel applications.
- 6mm Pebble Grain natural composition cork is standard.¹



Corktac 2PB

Corktac 2FB

- **Corktac 2FB is the most economical of our cork based tackboards.**
- 1.6mm fine grain cork surface provides the warm appearance of natural cork while eliminating most of the expense associated with a cork based tackboard.
- Available up to 12' x 4' in a single panel.
- Pushpins advance completely into the tackboard surface with minimal force required.



Corktac 2FB

STANDARD SIZES:

2' x 4'	(610mm x 1219mm)
3' x 4'	(915mm x 1219mm)
4' x 4'	(1219mm x 1219mm)
5' x 4'	(1524mm x 1219mm)
6' x 4'	(1829mm x 1219mm)
8' x 4'	(2438mm x 1219mm)
10' x 4'	(3048mm x 1219mm) ²
12' x 4'	(3658mm x 1219mm) ²

IMPORTANT NOTES

¹ Both 5mm Pebble Grain and 6mm Pebble Grain Composition Cork are also available on 48" wide rolls. Roll cork is ideal for adhering to custom millwork where an integral tackable surface is required. Roll cork is also ideal for adhering directly to walls as a complete wall finish.
² 10' x 4' and 12' x 4' sizes available in **Corktac 2FB only**.
³ Both Corktac 2GB and 2PB can be furnished with optional Vinyl or Fabric laminated over the cork face.

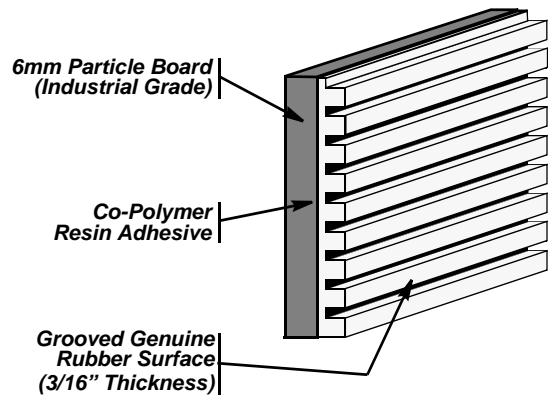




Miscellaneous Panels

Changeable Letter Panels

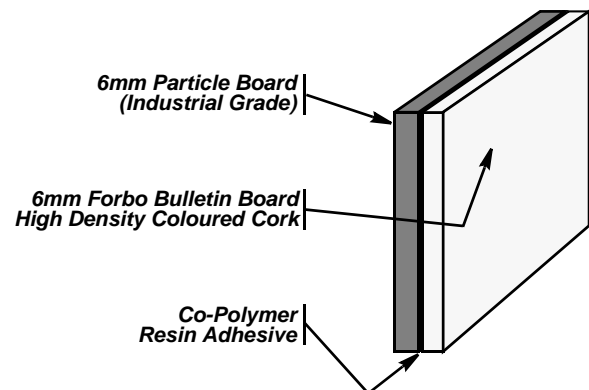
- **This genuine grooved rubber surface is unsurpassed in quality and durability.**
- The rubber surface is unaffected by extreme heat or cold and is fade resistant.
- The unique groove design holds characters firmly in position and precisely aligned.
- Accepts plastic removable characters (numbers, letters and symbolic characters). Characters are Block style, white in colour (paintable), available in a wide range of sizes from 5/16" to 2-1/4" high.
- Available in standard black only.
- Unmounted sheets available up to 24"H x 48"L. Larger areas are made up of multiple sheets.



Changeable Letter Panel

Deluxetac 2PB

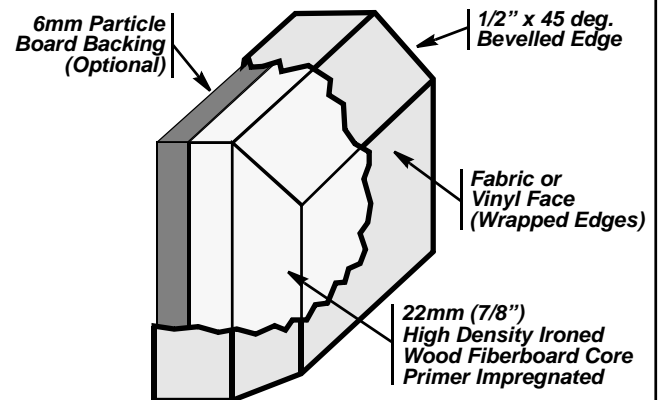
- **Deluxetac 2PB features a high density, highly resilient cork based tackable surface.**
- Pure cork, natural colour pigments, and oxidized linseed oil are combined under pressure and heat to form a composite cork surface with the colour solid all the way through.
- An integral jute backing provides dimensional stability. The surface can be wiped or washed with any mild cleaning solution (pH 7-8.5) and rinsed after cleaning.
- Available in a wide range of 12 colours on a special order basis only.
- Also available in rolls for field application to walls.



Deluxetac 2PB

Other Tackboard Panels

- **Bevel Edge Tackboards** - This is a modified version of our Fabrictac and Vinyltac 2EW edge-wrapped tackboards featuring a 1/2" x 45 degree bevelled edge. This bevelled edge adds a sculptured appearance to the board. These boards feature a full 7/8" thick fiberboard tackable core and an additional 1/4" thick particle-board back for mounting concealed hangers.
- **Feltac 2EP/2EW** - Genuine high quality 100% Wool felt laminated to wood fiberboard backing. Feltac is ideal for use with felt-based teaching aids for young children. Available in black.

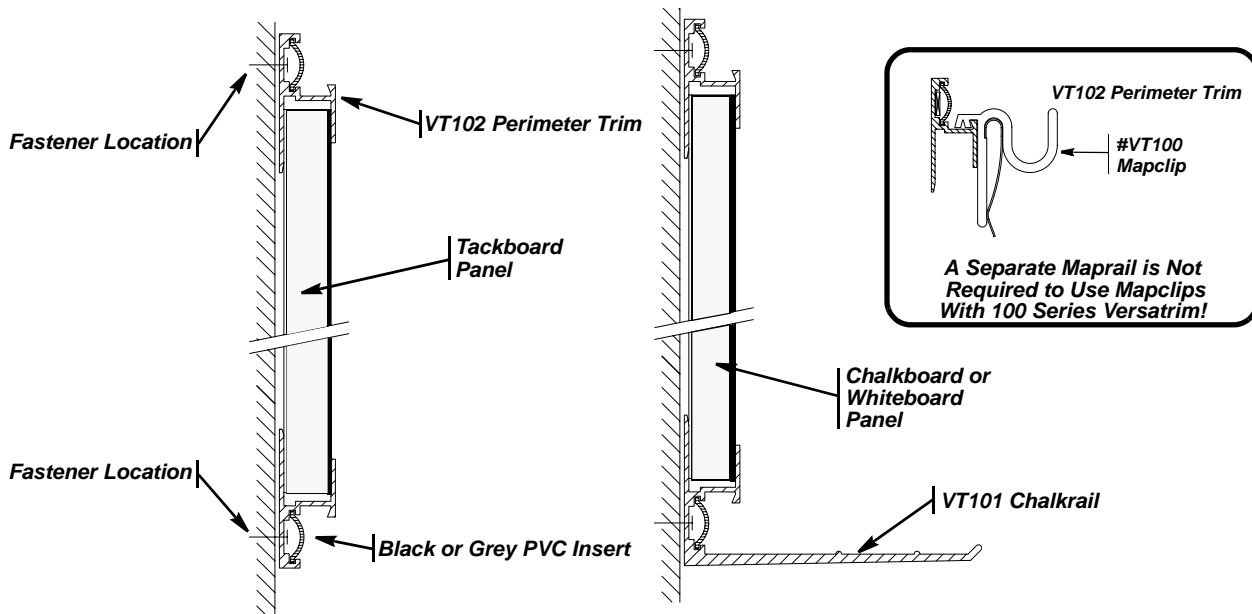


Bevel Edge Tackboard

100 Series Versatrim

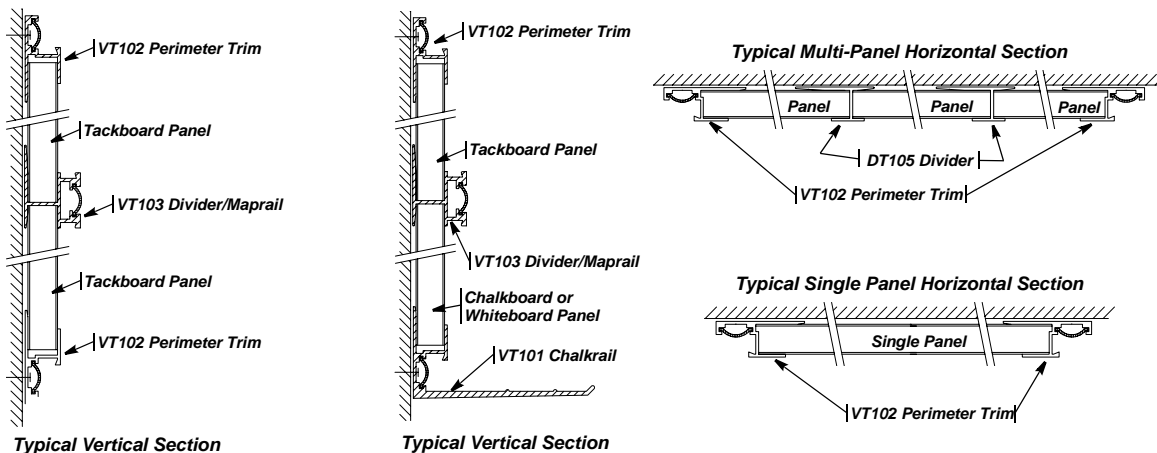
10100

Aluminum Trim Applications



- 100 Series Versatrim features a clear anodized satin finish and utilizes a Black or Grey P.V.C. feature strip to conceal fasteners and provide a border around the entire unit. The P.V.C. feature strip allows the unit to become the focal point of the wall.
- Our unique “precut” system allows for easy assembly of large multi-panel units on the jobsite. Single panel units can be factory preframed.
- VT102 Perimeter Trim accepts mapclips directly eliminating the cost for a separate maprail.¹
- Grey P.V.C. feature strip is also available.

Typical Application Section Details

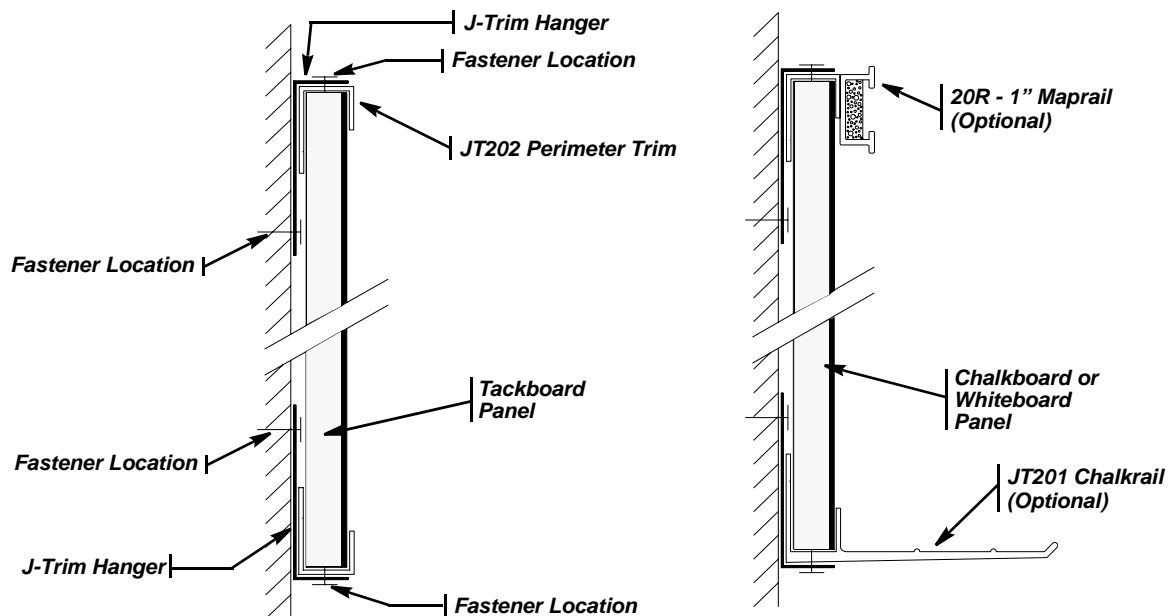


IMPORTANT NOTES

¹ If other maprail accessories are required, (i.e. Map Roller Brackets, etc.) a 20R 1" maprail can be furnished as a plant-on trim which fastens directly to the front face of the VT102 Perimeter Trim. The VT100 and JT200 mapclips also fit directly onto the VT103 Combination Maprail.

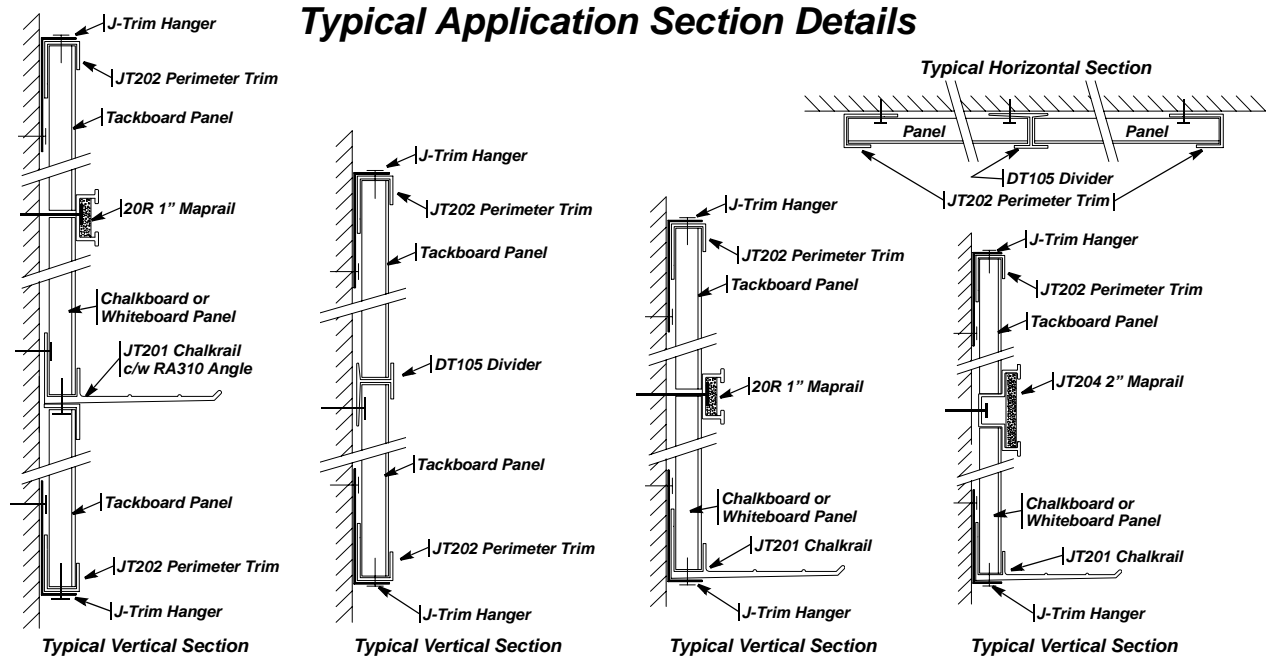


200 Series J-Trim



- **200 Series J-Trim is our most economical aluminum trim system and features a clear anodized satin finish. 200 Series J-Trim has an attractive slim-line appearance.**
- **Single panel units can be factory preframed up to 12' x 4' and are easily installed using the concealed J-Trim hangers provided.**
- Our unique "Pre-Cut" trim system allows large units to be shipped knock-down for easy site assembly.
- 1" or 2" maprail can be provided if specified.
- An almost endless variety of panel arrangements can be accommodated using 200 Series J-Trim.

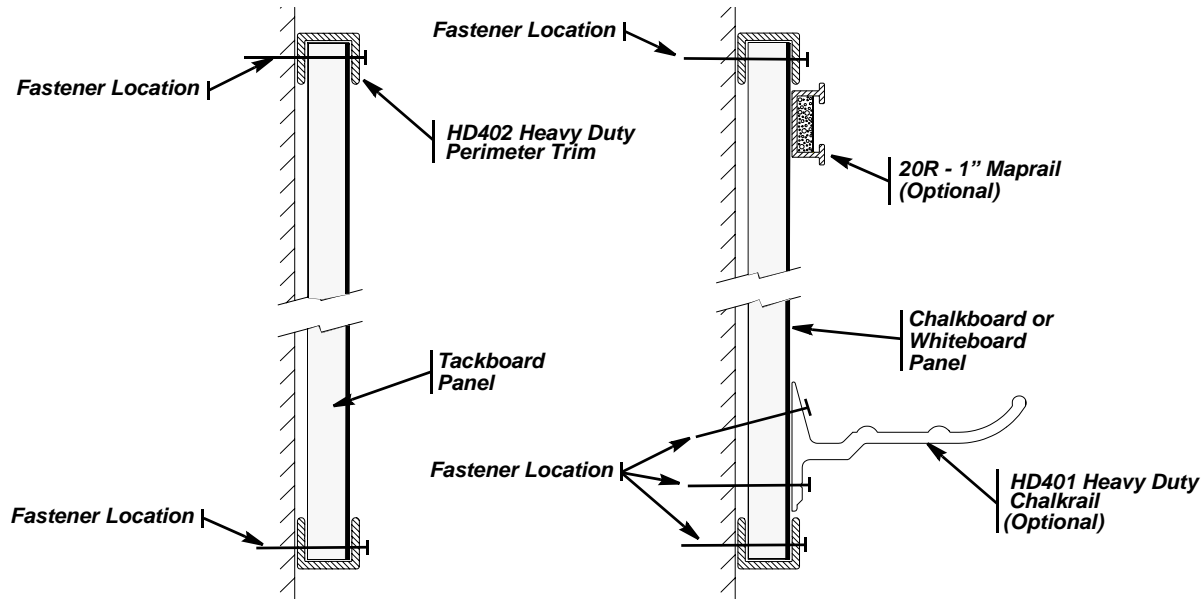
Typical Application Section Details



400 Series Heavy Duty Trim

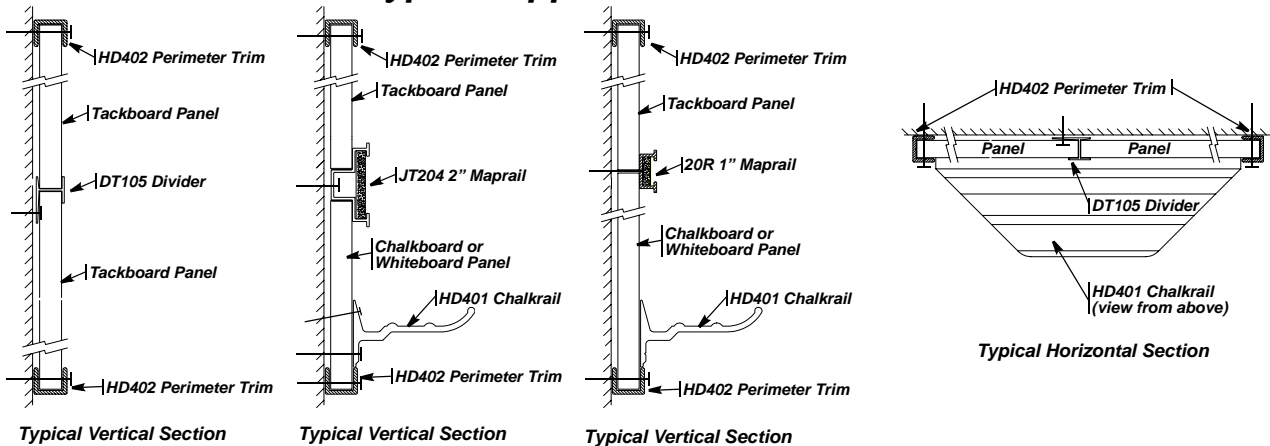
10100

Aluminum Trim Applications



- **400 Series Heavy Duty Trim is our most rugged and durable trim system. It features a clear anodized satin finish and heavy wall thicknesses.**
- **The exposed fastener mounting provides extra holding strength by passing through the entire trim section.¹**
- Single panel units are factory preframed up to 12' x 4'. Boards are normally installed in a 'modular' fashion (each panel is framed separate of the others).
- Multi-panel units can also be constructed and are shipped knockdown for site assembly.
- 1" or 2" maprail can be provided if specified.
- Preframed units can be equipped with special hanging hardware that allows boards to be mounted to heavy-duty double-slotted shelf standards. This provides for vertical height adjustment on 1" centres and allows the user to exchange the location of panels with a minimum degree of difficulty.²

Typical Application Section Details



IMPORTANT NOTES

¹ J-Trim Hangers may also be used for concealed mounting.

² Details for demountable boards will be provided upon request.

Product specifications subject to change without notice.

CP Distributors Ltd. Chalkboard and Tackboard Division

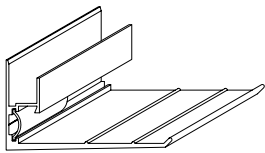


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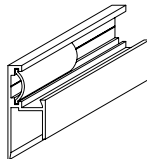
Aluminum Trim

- All of our trim shapes are extruded from 6063-T5 aluminum alloy and are clear anodized to a depth of 5 microns, producing an attractive satin finish that lasts indefinitely.
- Many of our trim sections can be used in multiple applications.
- VT101 and VT102 come complete with it's own integral Black or Grey PVC insert. (Optional with VT103 maprail).
- VT103, JT204 and 20R maprails come complete with a tackable cork insert strip.
- All trim profiles shown are approximately 30% normal size.

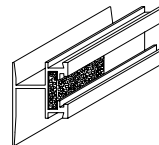
100 Series Versatrim



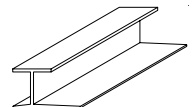
VT101 Chalkrail



VT102 Perimeter

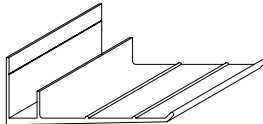


VT103 Divider/Maprail

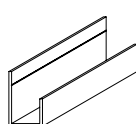


DT105 Divider

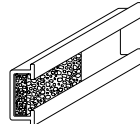
200 Series J-Trim



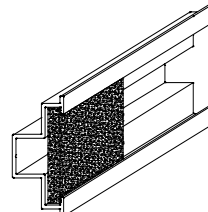
JT201 Chalkrail



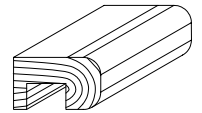
JT202 Perimeter



20R 1" Maprail

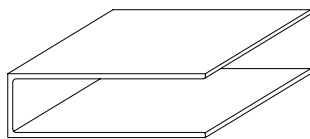


JT204 2" Maprail

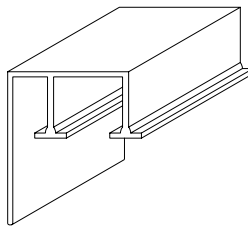


Wood Trim

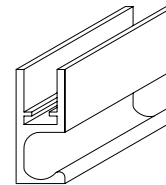
300 Series HS/VS/DC Trim



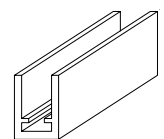
HS/DC303 Frame Channel



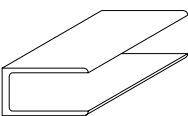
HST304 Top Track



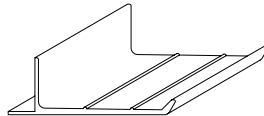
HS/VS305 Pull



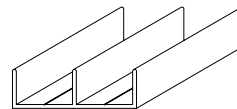
HS/VS306 Perimeter



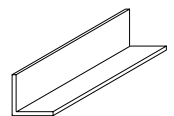
MC307 Mounting Channel



HS/VS308 Plant-On Chalkrail

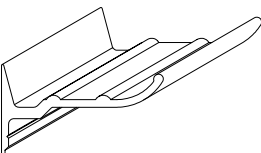


HS/VS309 Bottom Guide

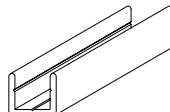


RA310 5/8" Angle

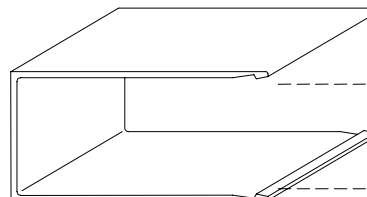
400 Series Heavy Duty Trim



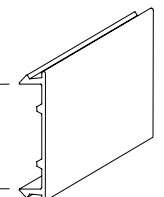
HD401 Chalkrail



HD402 Perimeter

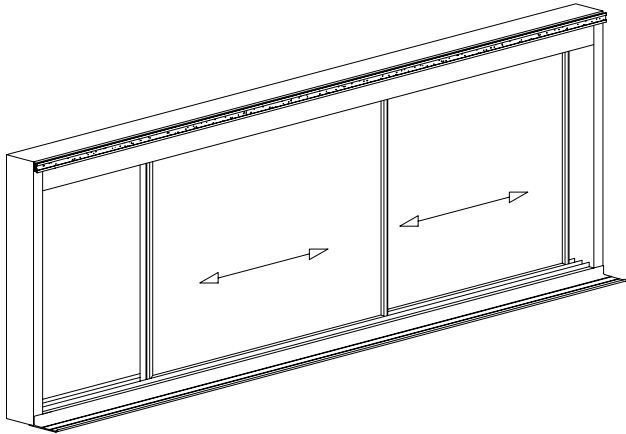


HD403 Frame Channel

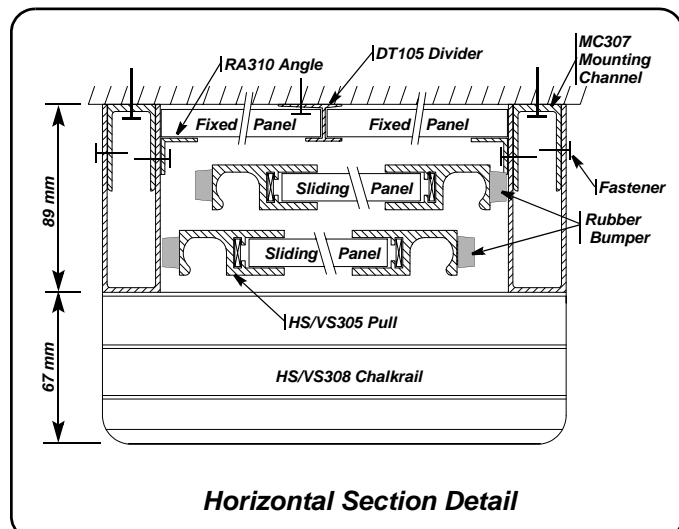
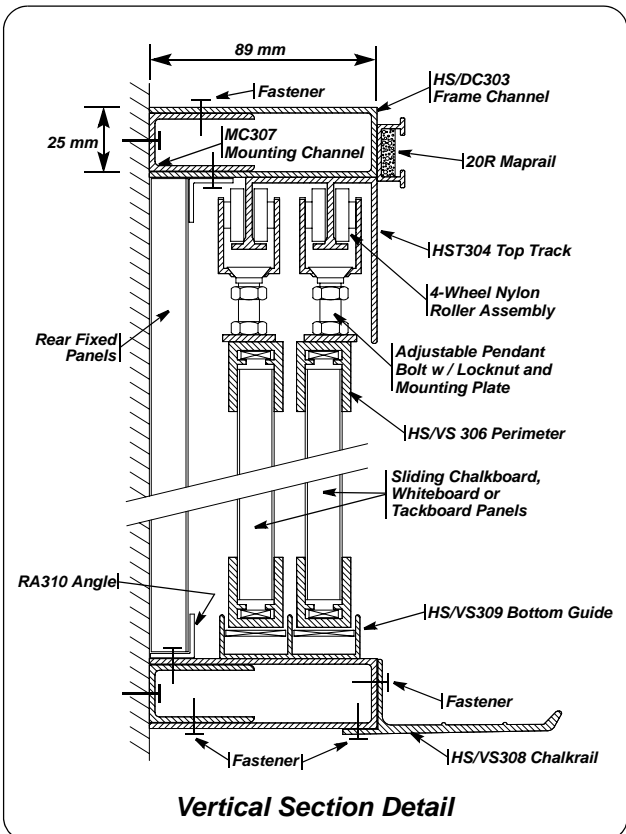


HD404 Snap Cover

300 Series Horizontal Slider

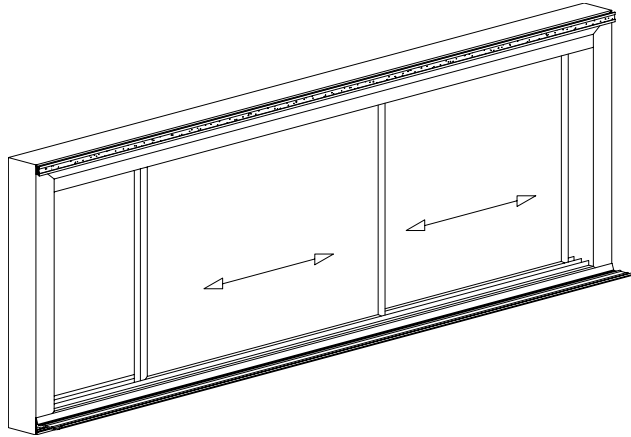


- 300 Series Horizontal Slider Units may consist of almost any combination of sliding and fixed chalkboard, whiteboard, and tackboard panels.
- 300 Series Horizontal Slider frames are constructed of clear anodized, satin finish aluminum with heavy wall thicknesses for added durability.
- Heavy-duty MC307 continuous mounting channel provides exceptional mounting strength.
- Slim line appearance of the HS/DC303 frame channel is aesthetically pleasing.
- Maximum recommended sliding panel size is 8' x 4'. (Sliding panels available up to 12' x 4' on request.)
- Units are available with or without fixed rear panels and can be added at any time.
- Sliding panels are furnished with quality 4-wheel adjustable hanging Nylon roller carriers. Body construction is zinc plated steel.
- Heavy-duty T-shaped top track ensures panels will never jump off the track.
- Continuous full height HS/VS 305 Pull stands up to the toughest abuse and provides easy operation.
- Genuine gum rubber bumpers offer maximum impact resistance and minimum noise when stopping.
- U.H.M.W. (Ultra High Molecular Weight) polyethylene bottom guides resist wear while providing near frictionless performance.
- Double corner angle reinforcing inside the HS/DC303 channel holds the corners tight together with a hairline fit.
- Maprail and chalkrail are optional.
- Contact CP Distributors for further information.

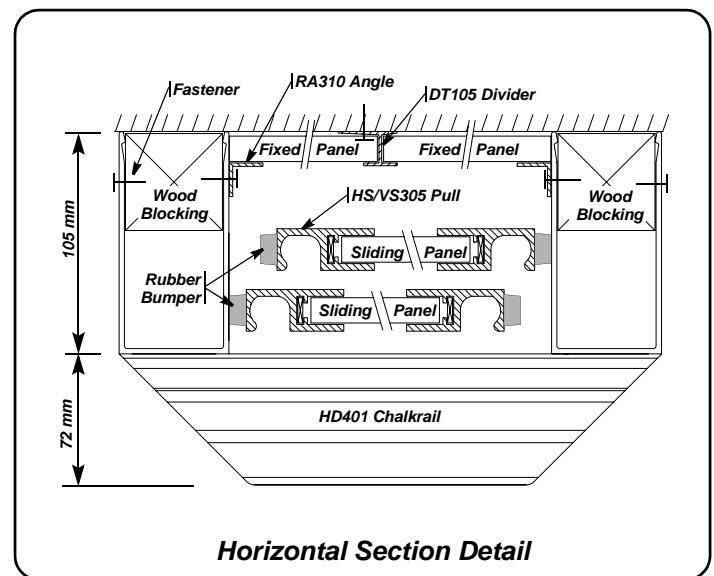
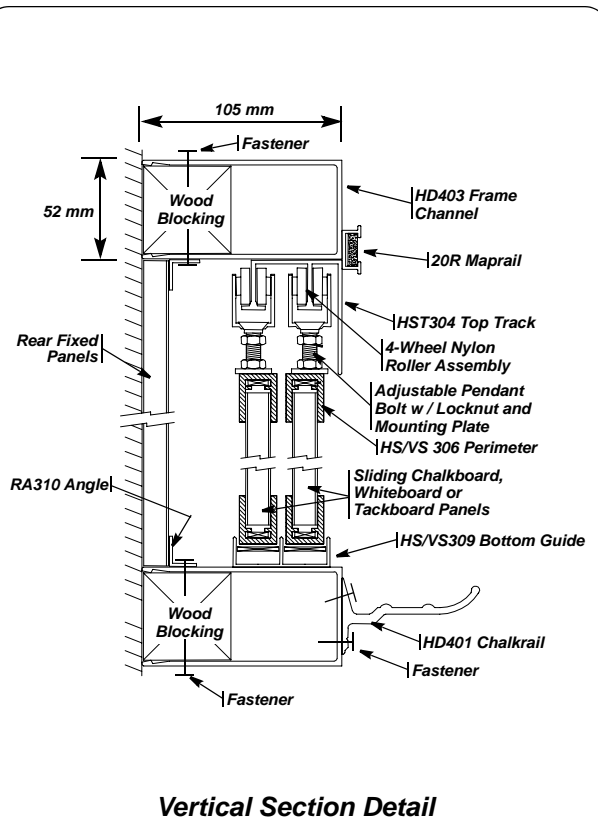




400 Series Horizontal Slider



- 400 Series Horizontal Slider Units may consist of almost any combination of sliding and fixed chalkboard, whiteboard, and tackboard panels.
- 400 Series Horizontal Slider frames are constructed of clear anodized, satin finish aluminum with heavy wall thicknesses for added durability.
- Maximum recommended sliding panel size is 8' x 4'. (Sliding panels available up to 12' x 4' on request.)
- Fixed rear panels are optional.
- Sliding panels are furnished with quality 4-wheel adjustable hanging Nylon roller carriers. Body construction is zinc plated steel.
- Heavy-duty T-shaped top track ensures panels will never jump off the track.
- Continuous full height HS/VS 305 Pull stands up to the toughest abuse and provides easy operation.
- Genuine gum rubber bumpers offer maximum impact resistance and minimum noise when stopping.
- U.H.M.W. (Ultra High Molecular Weight) polyethylene bottom guides resist wear while providing near frictionless performance.
- Double corner angle reinforcing inside the HD403 channel holds the corners tight together with a hair-line fit.
- Maprail and chalkrail are optional.
- Sliding panels may also be framed with optional HD402 perimeter trim and furnished with recessed fingerpulls.
- Contact CP Distributors for further information.

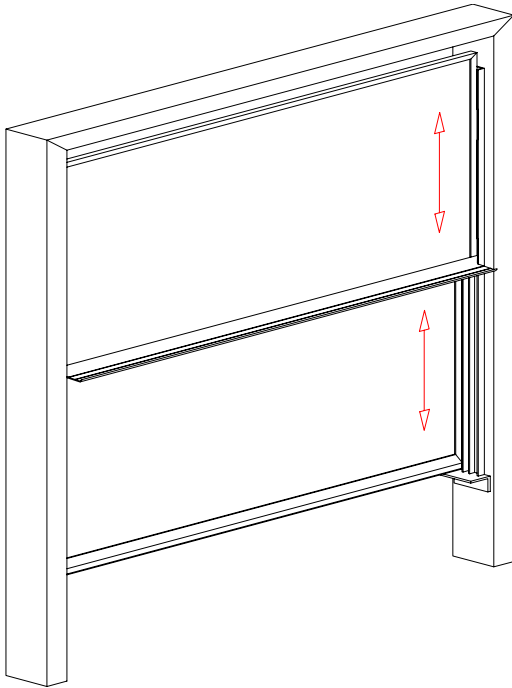


400 Series Vertical Sliders

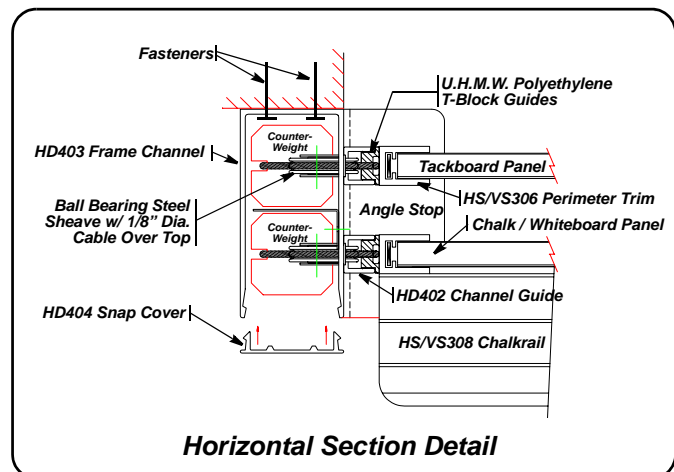
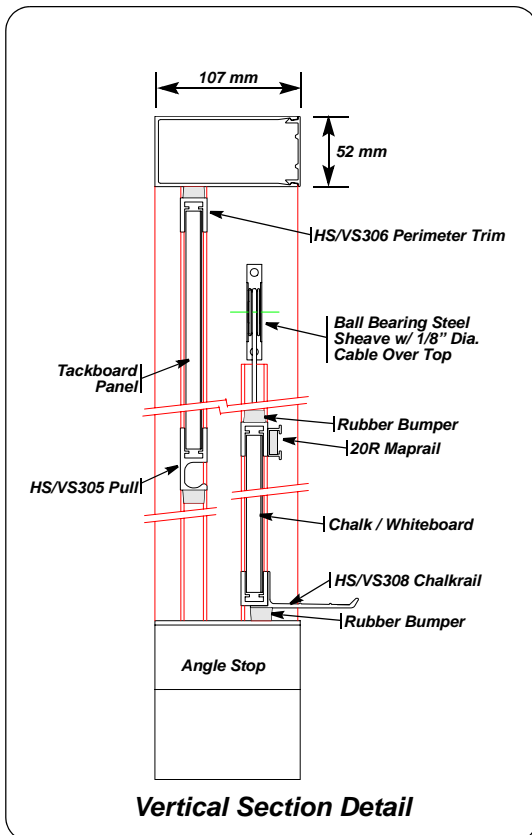
10100

Vertical Slider Unit

CP Distributors Ltd. Chalkboard and Tackboard Division

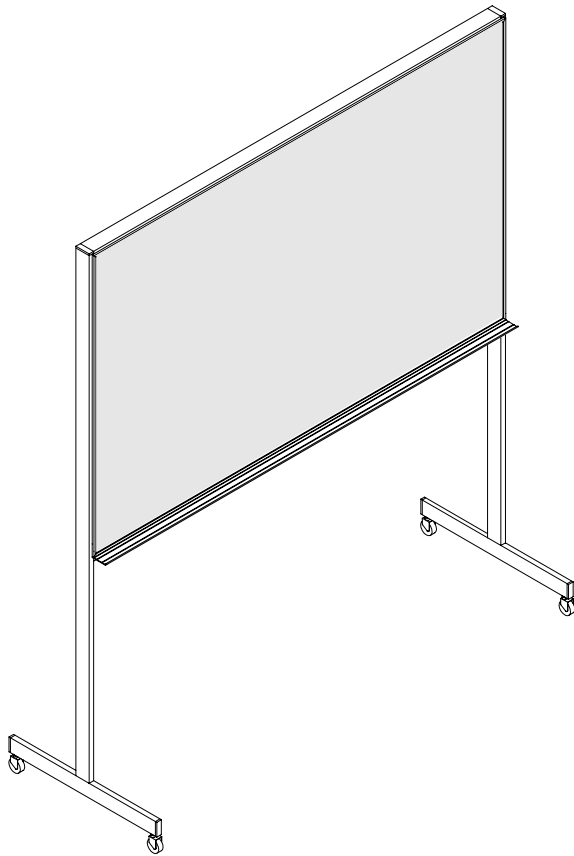


- 400 Series Vertical Slider Units may consist of almost any combination of sliding and fixed chalkboard, whiteboard and tackboard panels.
- 400 Series Vertical Slider frames are constructed of clear anodized, satin finish aluminum with heavy wall thicknesses for added durability.
- These units offer effortless fingertouch operation when raising and lowering panels.
- Maximum recommended sliding panel size is 8' x 4'.
- Fixed rear panels are optional. (The section details below depict a typical installation onto millwork with the back left open.)
- The sliding panels are balanced by means of a lead counterweight and sheave system.
- Sheaves are solid steel and ball bearing loaded for years of dependable performance.
- High quality 7 x 17 strand galvanized aircraft cable with heavy lug terminal ends ensure dependable performance and safety in operation.
- Genuine gum rubber bumpers offer maximum impact resistance and minimum noise when stopping.
- U.H.M.W.(Ultra High Molecular Weight) polyethylene T-Block guides resist wear while providing near frictionless performance.
- Removable snap cover locks tightly in place while allowing quick access to counterweights and sheaves.
- Double corner angle reinforcing inside the HD403 channel holds the corners tight together with a hairline fit.
- Contact CP Distributors for further information.

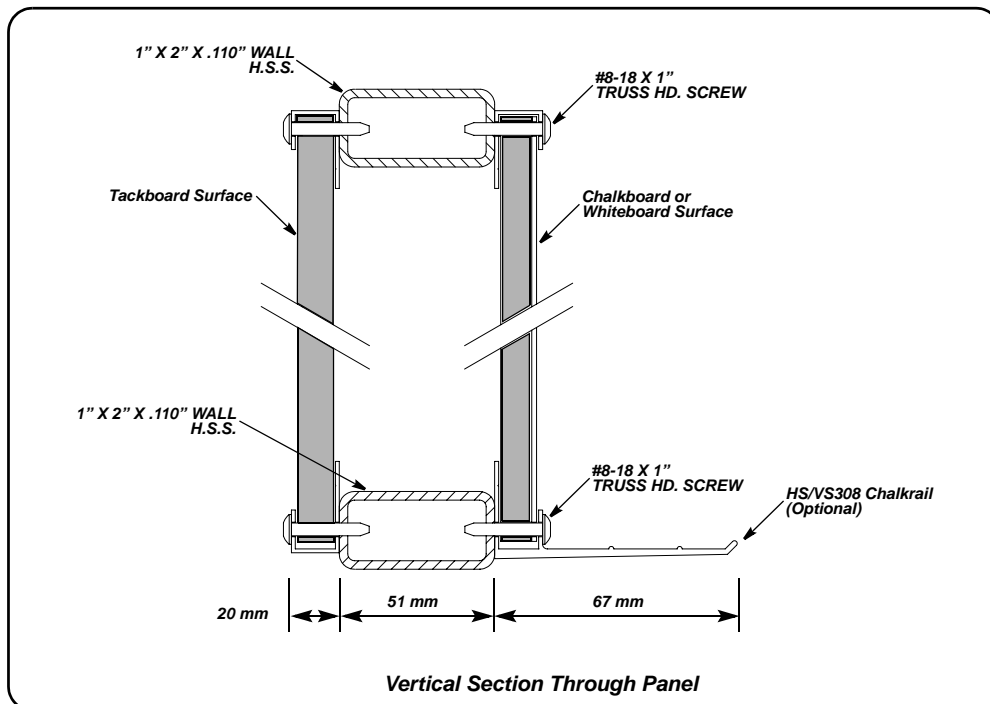




Mobile Chalk/Whiteboard Units



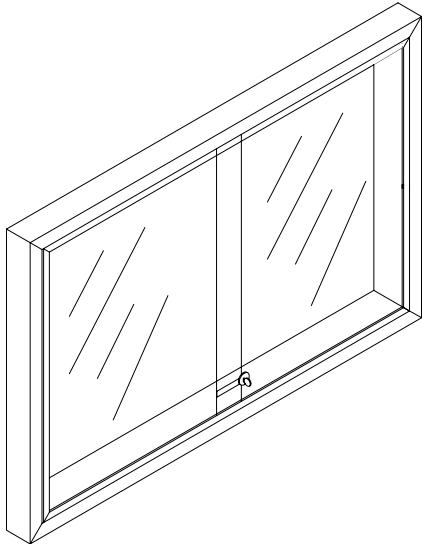
- **C.P. Distributors mobile units are available in any combination of Whiteboard, Chalkboard or Tackboard on each side.**
- **Frame constructed from heavy gauge steel tubing with a tough powder coat enamel finish. Colour is dark grey.**
- **Optional chalkrail and/or maprail available on one or two sides.**
- **Available in 6' long and 8' long standard sizes. All units are approx. 78" (1980mm) high overall. Custom sizes available (contact factory).**
- **Fully welded joint at maximum stress points where the uprights meet the horizontal feet for maximum strength.**
- **Smooth rolling 3" casters feature a non-marking thermoplastic tread which is safe for all floor finishes. All units feature 2 locking and 2 non-locking castors.**
- **Boards can be easily replaced or switched if desired.**
- **Units ship knockdown. (Factory assembled units available at some locations only).**



Directory/Display Cases

10100

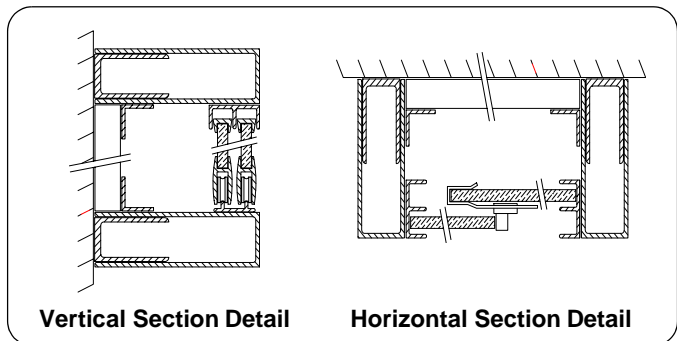
Directory/Display Cases



Model 300-S Directory Case

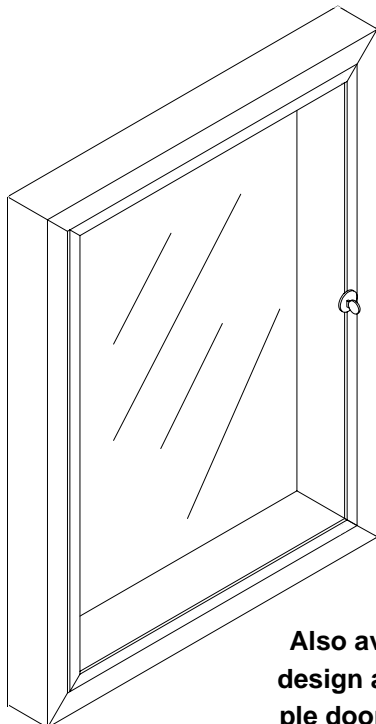
- Model 300-S sliding door directory case frames are constructed of clear anodized, satin finish aluminum.
- Genuine ball bearing rollers ensure smooth frictionless operation.
- The model 300-S can be constructed up to 8' x 4' in overall size (12' x 4' in a 3-door design). Overall case depth is 3-1/2".
- Available with standard 6mm clear float glass doors or optional 6mm tempered glass or plexiglass.
- Available with standard black grooved rubber interchangeable letter background or with any of our standard tackboard panels.

- All glass doors are equipped with integral ground fingerpulls producing a cleaner appearance by helping prevent an obstructed view.
- All units are equipped with a quality nickel-plated, ratchet style lock that can be keyed alike.



Vertical Section Detail

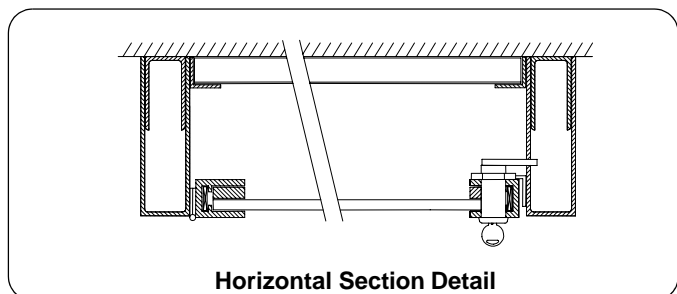
Horizontal Section Detail



Model 300-H Directory Case

- Model 300-H hinged door directory case frames are constructed of clear anodized, satin finish aluminum.
- Rugged continuous piano hinge mounted door construction ensures years of trouble-free performance.
- The model 300-H can be constructed up to 4' x 4' in overall size. Overall case depth is 3-1/2".
- Available with the same glass and rear panel options as our 300-S Directory Case.
- All units feature a high quality cam-style lock that is mounted directly through the door frame for added security and can be keyed alike.

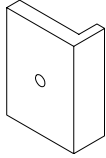
Also available in 2-door design and custom multiple door layouts. Consult the factory for details.



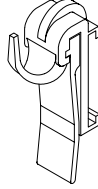
Horizontal Section Detail



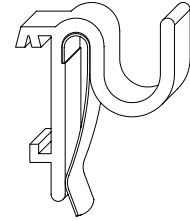
Maprail Accessories



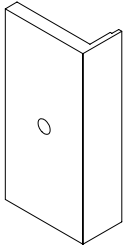
**#1HES 1" Nylon¹
End Stop**



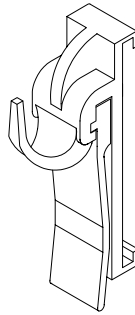
**#1HMC 1" Nylon¹
Maphook / Clip**



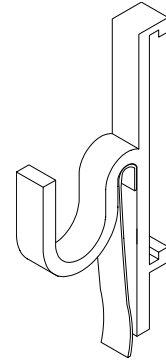
**#JT200 1" Aluminum
Maphook / Clip²**



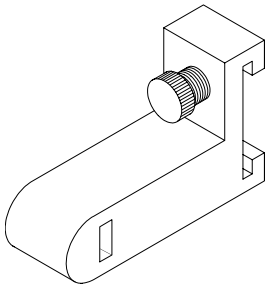
**#2HES 2" Nylon¹
End Stop**



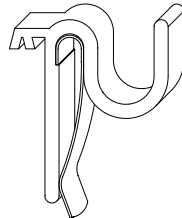
**#2HMC 2" Nylon¹
Maphook / Clip**



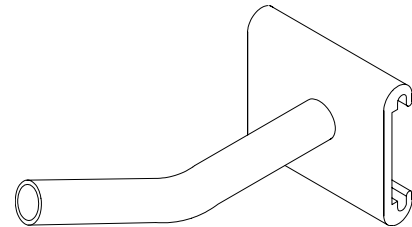
**#76M 2" Aluminum
Maphook / Clip²**



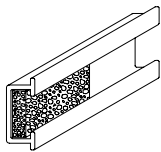
**#51RB 1" Aluminum
Map Roller Bracket³**



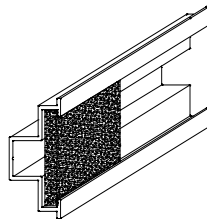
**#VT100 Versatrim
Maphook / Clip²
(For 100 Series Versatrim Only)**



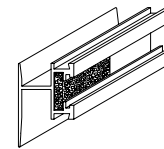
**#51FH 1" Aluminum
Flag Holder⁴**



20R 1" Maprail



JT204 2" Maprail



VT103 Divider/Maprail

IMPORTANT NOTES

- 1 Body and clip constructed of injection moulded Grey Delrin 500 Plastic.
- 2 Body constructed of extrusion grade aluminum. Clip is constructed of high quality spring steel.
- 3 Map Roller Brackets are sold in pairs only. Also available in 2" size (subject to minimum order quantities on a special order basis only).
- 4 Also available in 2" size (subject to minimum order quantities on a special order basis only).

Product specifications subject to change without notice.



Product Specifications

1.0 General

1.1 Description

Chalkboard, whiteboard and tackboard units and related specialty products shall be as manufactured by CP Distributors Ltd. All products shall be manufactured according to the specifications below.

1.2 Related Work Specified Elsewhere

- 1.2.1 Section 06100: Rough Carpentry
- 1.2.2 Section 06200: Finish Carpentry
- 1.2.3 Section 09000: Room Finish Schedule

1.3 Shop Drawings

- 1.3.1 Submit shop drawings to architect for approval prior to commencement of work.
- 1.3.2 Clearly identify all unique layouts and their corresponding locations. Provide section details, product descriptions and indicate where all site dimensions are required. (All site dimensions shall be provided by the General Contractor in writing prior to commencement of any fabrication.)

1.4 Product Handling and Storage

- 1.4.1 Store all materials in secure storage prior to installation and protected from accidental damage. Maintain a minimum room temperature of 60°F (16°C) for a minimum of 48 hours prior to installation.
- 1.4.2 Panel materials shall be stored in a flat position elevated off the floor on original shipping skids or in crates.
- 1.4.3 Panels shall always be carried in a vertical upright position.

1.5 Guarantee

- 1.5.1 All materials and workmanship shall be guaranteed for a period of 1 year against defects.
- 1.5.2 Versaceram porcelain writing surface shall be guaranteed for the lifetime of the original installation against excessive fading of colour, crazing, cracking or flaking under normal conditions.

1.6 Maintenance Data

- 1.6.1 Provide cleaning and maintenance data relating to the products supplied.

2.0 Products

2.1 Chalkboard and Whiteboard Panels

2.1.1 Panel Components

2.1.1A Whiteboard Writing Surface

- 1. Versaceram whiteboard surface shall be 28 gauge (24 gauge optional) sheet steel, properly pre-cleaned and treated, suitable for the application of architectural porcelain on a continuous coil process. Both surfaces of steel base metal shall receive ground coat of ceramic frit that is fused by a firing operation to prevent contamination. A colour cover coat of ceramic frit shall then be applied and fused to the base coat by a firing operation. Firing temperature shall be approx. 1500°F.
- 2. Porcelain/ceramic on steel shall be 100% noncombustible, with a Class 1 finish rating, and a 0-0-0 fire hazard classification.

3. Scratch resistance shall register 6.5 on revised Moh's scale.

2.1.1B Chalkboard Writing Surface

- 1. Versaceram chalkboard surface shall be 28 gauge (24 gauge optional) sheet steel, properly pre-cleaned and treated, suitable for the application of architectural porcelain on a continuous coil process. Both surfaces of steel base metal shall receive ground coat of ceramic frit that is fused by a firing operation to prevent contamination. A colour cover coat of ceramic frit shall then be applied and fused to the base coat by a firing operation. Firing temperature shall be approx. 1200°F.
- 2. Porcelain/ceramic on steel shall be 100% noncombustible, with a Class 1 finish rating, and a 0-0-0 fire hazard classification.

3. Scratch resistance shall register 6.5 on revised Moh's scale.

- 4. The gloss of the writing surface shall not increase by more than 3 units when subjected to wearability tests for 30 hours (approximately 126,000 strokes).

2.1.1C Wood Fiberboard

- 1. 7/16" (11.1mm) thickness.
- 2. Wood fiberboard shall be impregnated with a dry, emulsified powder primer coating during manufacturing. A high pressure heated ironing operation shall fuse this coating to the surface.
- 3. Minimum density of 16.5 lbs./cu. ft.
- 4. Transverse strength of 14.5 lbs. minimum.
- 5. Tensile strength of 240 lbs./sq. in. minimum.
- 6. Internal bond strength of 2010 lb./sq. ft. minimum.

2.1.1D Aluminum Foil

- 1. 0.0015 in. (0.038mm) thickness.
- 2. 1100-H19 aluminum alloy designation with type 0 temper.

2.1.1E Aluminum Sheet

- 1. 28 gauge (0.016 in.)(0.406mm) thickness.
- 2. 1100-H19 aluminum alloy designation with standard utility grade temper.

2.1.1F Lamination Adhesive

- 1. Non-Toxic water-based synthetic copolymer resin.
- 2. Dry film properties are:
 - a. Water Resistant.
 - b. Resistant to plasticizer migration.
 - c. Heat resistant to 90°C.
 - d. Cold resistant to -40°C.

2.1.2 Panel Construction

2.1.2A Fixed Chalkboard/Whiteboard Panels

Versaceram whiteboard and chalkboard writing surface sheets shall be laminated to the wood fiberboard core. An aluminum foil balancing sheet shall be laminated to the rear face of the wood fiberboard core. The entire panel construction shall be held under a continuous static pressure of 125 lbs./sq. ft. (559 kg/sq. m) for a minimum period of 48 hours until full adhesive bond has been developed.

2.1.2B Sliding Chalkboard/Whiteboard Panels

Versaceram whiteboard and chalkboard writing surface sheets shall be laminated to the wood fiberboard core. A 28 gauge aluminum balancing sheet shall be laminated to the rear face of the wood fiberboard core. The entire panel



Product Specifications

construction shall be held under a continuous static pressure of 125 lbs./sq. ft. (559 kg/sq. m) for a minimum period of 48 hours until full adhesive bond has been developed.

2.2 Tackboard and Directory Panels

2.2.1 Panel Components

2.2.1A Tackboard Vinyl

1. "Tweed" pattern vinyl. Colour from CP Distributors stock colour range.
2. Type I, 15 oz. Total Weight (oz./lin. yd. based on roll width of approx. 54").
3. Flame Spread = 10. Fuel Contributed = 0. Smoke Developed = 25 (Ratings determined in accordance with CAN/ULC-S102M test method).

2.2.1B Tackboard Fabric

1. 100% Polyester Non-Directional Weave Panel Fabric. Colour from CP Distributors stock colour range.
2. Total Fabric Weight of 21.35 oz./lin. yd. (based on 72" roll width).
3. Passes ASTM E84 / A flame spread test (Vertical Test for Wall Covering). Flame Spread Index = 0. Smoke Developed = 15.
4. Abrasion resistance to ASTM 3597 standards.
5. Light Fastness to AATCC-16A rating of 40 hours.

2.2.1C Cork

1. 1.6 mm thick fine grain natural composition cork.
2. 5.0 mm thick pebble grain natural composition cork.
3. 6.0 mm thick pebble grain natural composition cork.
4. 6.0 mm thick high density cork composite material (Forbo bulletin board) constructed to the following criteria:
 - a. 100% homogeneous construction containing oxidized linseed oil, granulated cork, and pine resin with colour throughout.
 - b. Integral burlap backing for dimensional stability.
 - c. Available in manufacturers stock colour range only.

2.2.1D Tackboard Felt

1. 100% Wool Content. Colour-dyed as per manufacturers standard practice.
2. Approximate Weight : 310 - 330 grams/lin. mtr. (Based on 1.83 metre roll width).
3. Standard Colour : Black

2.2.1E Directory Panel Surface

1. Rubber-composite material, 3/16" thickness with horizontal grooves on 1/4" centres.
2. Material shall be fade resistant and unaffected by extreme heat or cold.
3. Grooves shall be precisely spaced and maintain a constant profile.
4. Standard Colour : Black.

2.2.1F Wood Fiberboard

1. Refer to 2.1.1C for complete specification.

2.2.1G Gypsum Board

1. 1/4" (6.35 mm) thick Pyro-sonic gypsum board to manufacturers standard.
2. Conforms to CGSB standards.

2.2.1H Particle Board

1. 6 mm high density particle board, uniform in thickness.
2. Industrial Grade quality.
3. Conforms to CGSB standards.

2.2.1I Lamination Adhesive

1. Refer to 2.1.1F for complete specification.

2.2.1J Aluminum Foil

1. Refer to 2.1.1D for complete specification.

2.2.2 Panel Construction

2.2.2A Vinyltac 2EP/2EW

1. "Tweed" pattern vinyl laminated to wood fiberboard backing under a continuous static pressure of 125 lbs./sq. ft. (559 kg/sq. m) for a minimum period of 24 hours until full adhesive bond has been developed. Colour from CP Distributors stock colour range.
2. (Vinyltac 2EW only) Vinyl shall be wrapped and stapled (or adhesive bonded) to rear face of fiberboard forming self-finishing edges.

2.2.2B Fabrictac 2EP/2EW

1. 100% Polyester Non-Directional Weave Panel Fabric laminated to wood fiberboard backing under a continuous static pressure of 125 lbs./sq. ft. (559 kg/sq. m) for a minimum period of 24 hours until full adhesive bond has been developed. Colour from CP Distributors stock colour range.
2. (Fabrictac 2EW only) Fabric shall be wrapped and stapled (or adhesive bonded) to rear face of fiberboard forming self-finishing edges.

2.2.2C Bevel Edge Tackboard

1. Vinyl or Fabric (Refer to Sections 2.2.1A and 2.2.1B above) laminated to 7/8" (22.2 mm) wood fiberboard backing under a continuous static pressure of 125 lbs./sq. ft. (559 kg/sq. m) for a minimum period of 24 hours until full adhesive bond has been developed. Colour from CP Distributors stock colour range.
2. Panels shall be complete with a minimum 6mm thick particle board backer sheet to facilitate the installation of concealed hanging devices. Backer sheet shall be laminated under a continuous static pressure of 125 lbs./sq. ft. (559 kg/sq. m) for a minimum period of 48 hours until full adhesive bond has been developed
3. Vinyl or Fabric shall be wrapped and stapled (or adhesive bonded) to rear face of fiberboard forming self-finishing edges.

2.2.2D Feltac 2EP/2EW

1. 100% Wool felt laminated to wood fiberboard backing. Colour to be standard Black.
2. (Feltac 2EW only) 100% Wool felt shall be wrapped and stapled (or adhesive bonded) to rear face of fiberboard forming self-finishing edges.

2.2.2E Corktac 2GB

1. 5 mm thick pebble grain natural composition cork laminated to 6.35 mm thick Pyrosonic board under a continuous static pressure of 125 lbs./sq. ft. (559 kg/sq. m) for a minimum period of 24 hours until full adhesive bond has been developed.

2.2.2F Corktac 2PB

1. 6 mm thick pebble grain natural composition cork laminated to 6 mm thick high quality industrial grade wood particle board under a continuous static pressure of 125 lbs./sq. ft. (559 kg/sq. m) for a minimum period of 24 hours until full adhesive bond has been developed.

2.2.2G Corktac 2FB

1. 1.6 mm thick fine grain natural composition cork laminated to wood fiberboard backing under a continuous static pressure of 125 lbs./sq. ft. (559 kg/sq. m) for a minimum period of 24 hours until full adhesive bond has been developed.

Cont. on next page...



Product Specifications

2.2.2H Deluxetac 2PB

1. 6 mm thick high density (Forbo bulletin board) coloured cork laminated to 6 mm thick high quality industrial grade wood particle board under a continuous static pressure of 125 lbs./sq. ft. (559 kg/sq. m) for a minimum period of 24 hours until full adhesive bond has been developed. Colour to be selected from manufacturers stock colour range on a special order basis only.

2.2.2I Sliding Tackboard Panels

1. All horizontal and vertical sliding tackboard panels that are fiberboard based shall receive an aluminum foil backer sheet.

2.2.2J Changeable Letter Directory Panels

1. 3/16" thick grooved rubber composite panel laminated to 6 mm thick high quality industrial grade wood particle board. Colour to be Black.

2.3 Aluminum Trim

2.3.1 Materials

2.3.1A Aluminum

1. All aluminum trim components shall be extruded from 6063-T5 aluminum alloy.
2. Aluminum trim shall be clear anodized to a depth of 5 microns producing a satin finish.
3. (Optional) Dividers between chalkboards and whiteboards shall be finished to match colour of writing surface.
4. All corner clips and corner reinforcing angles shall be constructed from 6063-T5 aluminum alloy.

2.3.1B Miscellaneous Components

1. P.V.C. insert shall be flexible with a minimum wall thickness of 1.5 mm. Insert shall be Black or Grey in colour.
2. Maprail insert shall be natural composition cork to thickness appropriate to the maprail it is installed in.

2.3.2 100 Series Versatrim

2.3.2A Trim shall be 100 Series Versatrim system complete with integral Black or Grey P.V.C. insert supplied loose for field installation to conceal fasteners.

2.3.2B Trim shall be factory pre-cut and mitred where applicable and packaged on a "per layout" basis (**OR** Trim shall be factory preframed onto single panels up to a maximum size of 12' by 4').

2.3.2C Each trim package shall receive identifying markings as to its room location.

2.3.2D Trim shall be site drilled by installer during installation to match framing and/or blocking locations.

2.3.2E Fasteners shall be provided to suit wall conditions.

2.3.2F Chalkrail shall be supplied under chalkboard and whiteboard panels only.

2.3.2G Chalkrails shall have 12 mm (1/2") radius bullnose corners in lieu of closures.

2.3.2H Provide #VT100 Maphook/Clip - 1 per linear metre of chalkboard and whiteboard, minimum 2 per panel.

2.3.2I #VT100 Maphook/Clips shall be attached directly to VT102 perimeter trim when no tackboard is located above chalkboards or whiteboards.

2.3.3 200 Series J-Trim

2.3.3A Trim shall be 200 Series J-Trim system.

2.3.3B Trim shall be factory pre-cut and mitred where applicable and packaged on a "per layout" basis (**OR** Trim shall be factory preframed onto single panels up to a maximum size of 12' by 4').

2.3.3C Each trim package shall receive identifying markings as to its room location.

2.3.3D Trim shall be site drilled by installer during installation to match framing and/or blocking locations.

2.3.3E Fasteners shall be provided to suit wall conditions.

2.3.3F Chalkrail shall be supplied under chalkboard and whiteboard panels only.

2.3.3G Chalkrails shall have 12 mm (1/2") radius bullnose corners in lieu of closures.

2.3.3H Maprail shall be supplied over chalkboard and whiteboard panels only complete with integral cork insert and nylon end stops.

2.3.3I (For 20R Maprail Only) Provide #1HMC-1" Nylon Maphook/Clip (or #JT200 -1" Aluminum Maphook/Clip) - 1 per linear metre of chalkboard and whiteboard, minimum 2 per panel.

2.3.3J (For JT204 Maprail Only) Provide #2HMC-2" Nylon Maphook/Clip (or #76M-2" Aluminum Maphook/Clip) - 1 per linear metre of chalkboard and whiteboard, minimum 2 per panel.

2.3.3K Provide J-Trim hangers necessary to suit installation requirements.

2.3.3L Provide factory installed corner clip reinforcements at mitre locations on outside corners.

2.3.4 400 Series Heavy Duty Trim

2.3.4A Trim shall be 400 Series Heavy Duty system.

2.3.4B Trim shall be factory pre-cut and mitred where applicable and packaged on a "per layout" basis (**OR** Trim shall be factory preframed onto single panels up to a maximum size of 12' by 4'). Chalkrails and maprails shall be shipped loose for field installation.

2.3.4C Trim shall be site drilled by installer during installation to match framing and/or blocking locations.

2.3.4D Fasteners shall be provided to suit wall conditions. Trim shall be installed using exposed fasteners.

2.3.4E Chalkrail shall be supplied under chalkboard and whiteboard panels only.

2.3.4F Chalkrails shall have 12 mm (1/2") radius bullnose corners in lieu of closures and have 45° tapered and polished ends.

2.3.4G Maprail shall be supplied over chalkboard and whiteboard panels only, complete with integral cork insert and nylon end stops.

2.3.4H (For 20R Maprail Only) Provide #1HMC-1" Nylon Maphook/Clip (or #JT200 -1" Aluminum Maphook/Clip) - 1 per linear metre of chalkboard and whiteboard, minimum 2 per panel.

2.3.4I Provide J-Trim hangers if concealed fastening is required.

2.4 Slider Units

2.4.1 300 Series Horizontal Slider Units

2.4.1A Horizontal slider units shall be 300 Series as manufactured by CP Distributors Ltd.

2.4.1B All frame components shall be 6063-T5 aluminum alloy, clear anodized to a depth of 5 microns.

2.4.1C Sliding hardware shall consist of 4-wheel heavy duty nylon roller carriers complete with adjustable pendant bolt and zinc plated steel mounting plate. Roller carriers shall be furnished 2 per sliding panel up to 6 ft. long and 3 per sliding panel over 6 ft. long.



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2.4.1D Bottom block guides shall be constructed from U.H.M.W. polyethylene. Block guides shall be furnished 2 per sliding panel up to 6'. long and 3 per sliding panel over 6'. long.

2.4.1E Top track shall consist of T-shaped guides to prevent panels from jumping off the track and an integral fascia to conceal roller hardware.

2.4.1F Bumpers shall be constructed from genuine rubber for maximum resiliency. Bumpers shall be furnished 4 per sliding panel.

2.4.1G Refer to section 2.0 and 2.1 for sliding and fixed panel specifications.

2.4.1H Provide full length HS/VS308 chalkrail and 20R maprail (if specified).

2.4.1I Sliding panels shall be framed with HS/VS306 trim and HS/VS305 full height integral pulls.

2.4.1J MC307 mounting channels shall be provided full length and height of the unit.

2.4.1K Provide double corner angle reinforcements to hold mitres tight.

2.4.1L Sliding panels shall be factory preframed with sliding hardware attached. Top track (HST304) and bottom guide (HS/VS309) shall be preassembled to HS/DC303 frame channel as well as corner reinforcing angles. Balance of slider unit shall be provided knockdown for shipping purposes.

2.4.2 400 Series Horizontal Slider Units

2.4.2A Horizontal slider units shall be 400 Series as manufactured by CP Distributors Ltd.

2.4.2B All frame components shall be 6063-T5 aluminum alloy, clear anodized to a depth of 5 microns.

2.4.2C Provide full length HD401 chalkrail and 20R maprail (if specified).

2.4.2D Sliding panels shall be framed with HS/VS306 trim and HS/VS305 full height integral pulls.

2.4.2E (Optional) Sliding panels shall be framed with HD402 perimeter trim with fingerpulls recessed into the face of the sliding panels.

2.4.2F Wood blocking for mounting unit shall be provided by others.

2.4.2G Sliding panels shall be factory preframed with sliding hardware attached. Top track (HST304) and bottom guide (HS/VS309) shall be preassembled to HD403 frame channel as well as corner reinforcing angles. Balance of slider unit shall be provided knockdown for shipping purposes.

2.4.2H Refer to sections 2.4.1C to 2.4.1G, 2.4.1I, 2.4.1K and 2.4.1L for balance of specification.

2.4.3 400 Series Vertical Slider Units

2.4.3A Vertical slider units shall be 400 Series as manufactured by CP Distributors Ltd.

2.4.3B All frame components shall be 6063-T5 aluminum alloy, clear anodized to a depth of 5 microns.

2.4.3C Sliding panels shall be balanced by a lead counterweight and sheave system.

2.4.3D Sheaves shall be ball bearing loaded and solid steel in

construction.

2.4.3E Provide 1/8" diameter 7 x 17 strand galvanized aircraft cable complete with factory assembled heavy duty lug ends. Provide 2 cable clamps per counterweight.

2.4.3F Provide a "floating" divider curtain between counterweights.

2.4.3G Provide 2" x 2" x 1/8" angle stops.

2.4.3H T-Block guides shall be constructed from U.H.M.W. polyethylene. T-Block guides shall be furnished 4 per sliding panel.

2.4.3I Bumpers shall be constructed from genuine rubber for maximum resiliency. Bumpers shall be furnished 4 per sliding panel.

2.4.3J Refer to section 2.0 and 2.1 for sliding and fixed panel specifications.

2.4.3K Provide full length HS/VS308 chalkrail on front sliding panel and 20R maprail (if specified).

2.4.3L Sliding panels shall be framed with HS/VS306 trim top and sides and HS/VS305 full length integral pulls (HS/VS306 trim on bottom where HS/VS308 chalkrail is applied).

2.4.3M Provide double corner angle reinforcements to hold mitres tight.

2.4.3N Sliding panels shall be factory preframed with cables, rubber bumpers, and T-Block guides attached. HD402 Channel Guides shall be preassembled to HD403 frame channel as well as corner reinforcing angles. Balance of slider unit shall be provided knockdown for shipping purposes.

2.5 Mobile Units

2.5.1 Mobile chalkboard/whiteboard units shall be as manufactured by CP Distributors Ltd.

2.5.2 Main frame components shall be 1" X 2" X .110" Wall H.S.S. with a dark grey polyester powder coat finish.

2.5.3 Boards shall be framed with 200 series trim with optional chalkrail and/or maprail. Refer to section 2.3.3.

2.5.4 Unit shall be furnished with 3" non-marking heavy duty swivel casters. (2 complete with locking brake).

2.5.5 Refer to section 2.1 and 2.2 for panel specifications.

2.5.6 Mobile unit shall be constructed for easy disassembly for panel replacement.

2.6 Directory Cases

2.6.1 Model 300-S Directory Cases

2.6.1A Directory cases shall be Model 300-S as manufactured by CP Distributors Ltd.

2.6.1B All frame components shall be 6063-T5 aluminum alloy, clear anodized to a depth of 5 microns.

2.6.1C Sliding doors shall be equipped with full length bottom shoe complete with ball bearing roller assemblies for frictionless operation.

2.6.1D Doors shall be constructed from 6 mm clear float glass with smooth edges and integral ground fingerpulls.

2.6.1E (Optional) Doors shall be constructed from 6 mm clear tempered glass with smooth edges and integral ground fingerpulls.

2.6.1F (Optional) Doors shall be constructed from 6 mm clear

Cont. on next page...

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plexi-glass with smooth edges and recessed aluminum fingerpulls.

2.6.1G Maximum single door size shall be 4' x 4'. Maximum overall size to be 8' x 4' (nominal size). Overall case depth of 3-1/2".

2.6.1H Provide a nickel plated, ratchet style sliding glass door lock capable of being keyed alike.

2.6.1I Specify rear panel from section 2.2 of specifications.

2.6.2 Model 300-H Directory Cases

2.6.2A Directory cases shall be Model 300-H as manufactured by CP Distributors Ltd.

2.6.2B All frame components shall be 6063-T5 aluminum alloy, clear anodized to a depth of 5 microns.

2.6.2C Hinged door shall be equipped with heavy duty frame and full height piano hinge.

2.6.2D Doors shall be constructed from 3 mm clear float glass.

2.6.2E (Optional) Doors shall be constructed from 3 mm clear tempered glass.

2.6.2F (Optional) Doors shall be constructed from 6 mm clear plexi-glass.

2.6.2G (Optional) Doors shall be constructed from 6 mm clear float glass.

2.6.2H (Optional) Doors shall be constructed from 6 mm clear tempered glass.

2.6.2I Maximum single door size shall be 4' x 4'. Overall case depth of 3-1/2".

2.6.2J Provide a high quality cam lock capable of being keyed alike.

2.6.2K Specify rear panel from section 2.2 of specifications.

3.0 Execution

3.1 Installation

3.1.1 Install all units in accordance with manufacturer's instructions and recommendations.

3.1.2 Install all units plumb and level incorporating quality workmanship.

3.1.3 Install all trim joints and mitres to a hairline fit. Remove any residual burrs or rough edges on trim after installation.

3.1.4 Install all fixed panels with PL200 panel adhesive or a latex based panel adhesive appropriate for the surfaces involved.

3.1.5 Clean all surfaces after installation.

3.1.6 Prepare all writing surfaces for use as per manufacturers instructions.

3.2 Mechanical Fasteners

3.2.1 To concrete, solid masonry, and hollow masonry, use nylon nail-it expansion anchors with head type suitable for the installation requirements.

3.2.2 To framed walls, use #6 drywall screws, securing at the stud locations. Select length suitable for the installation requirements.

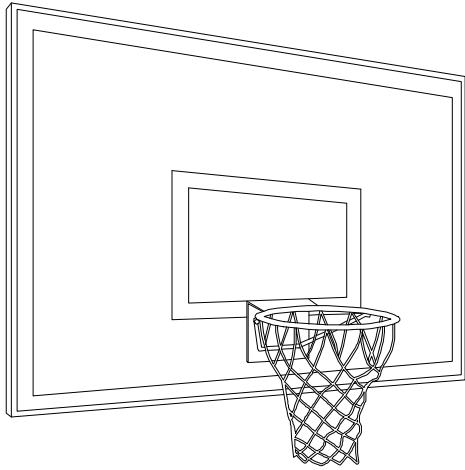
3.1.1 To millwork, use wood screws. Select length and head type suitable for the installation requirements.

3.1.1 To connect aluminum components, use self tapping sheet metal screws or aluminum pop-rivets, using the manufacturers recommended sizes and head types supplied.

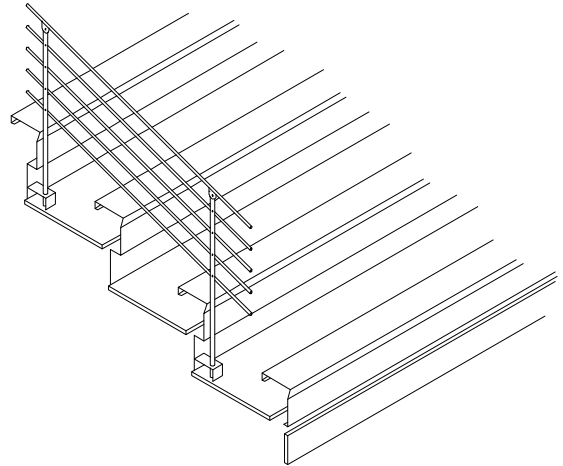


Manufacturers and Distributors of Quality

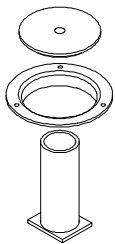
Gymnasium Equipment



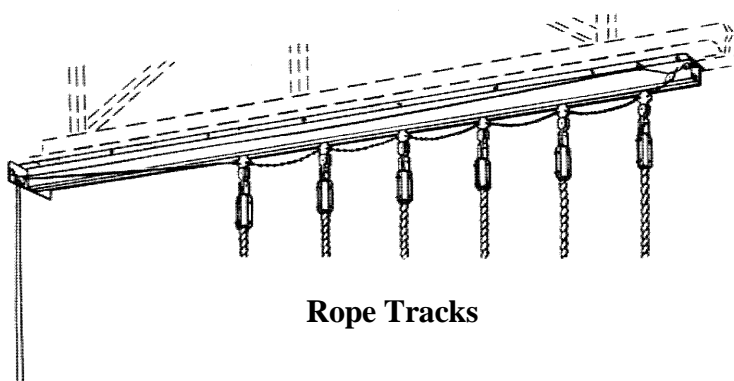
Basketball Backstops



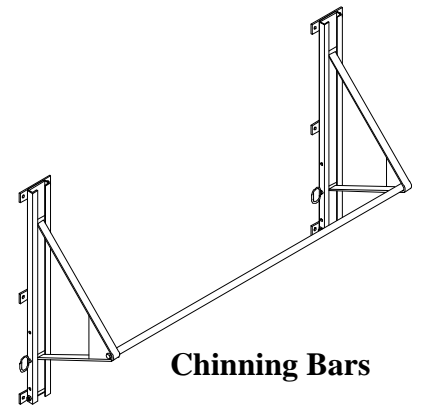
Bleacher Seating



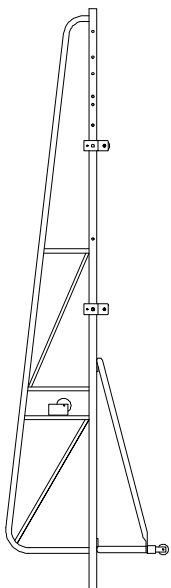
Floor Sockets



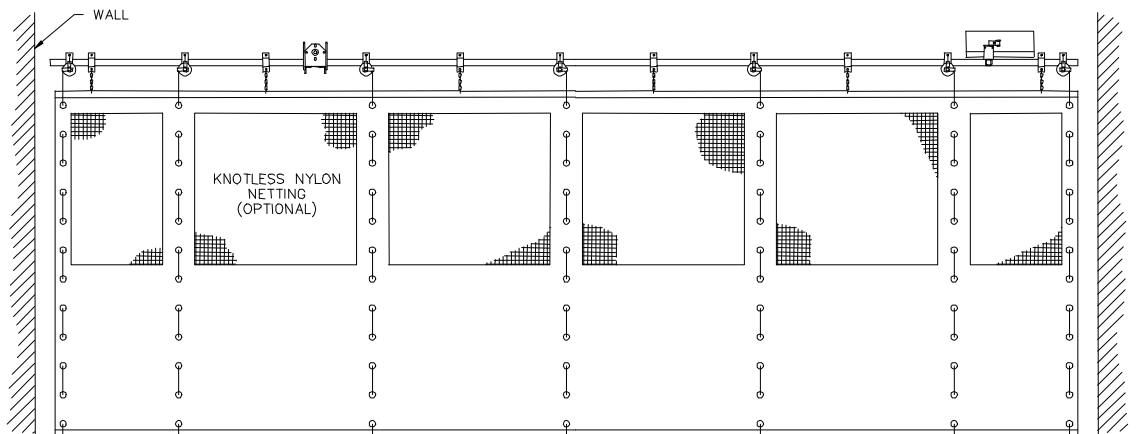
Rope Tracks



Chinning Bars



Game Standards



Gymnasium Divider Curtains