ELEMENTS

INSTALLATION & CARE GUIDE

media technologies™



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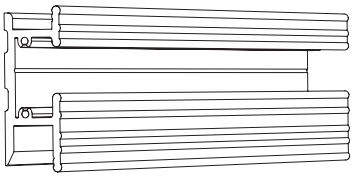
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HORIZONTAL MOUNTING TRACK

INSTALLATION INSTRUCTIONS

TOOLS REQUIRED

Level (4 foot or greater)
Chalk Line
Nylon String
Variable Speed Drill
Hacksaw/Chop Saw Non ferris blade
Drill Bits
(1/2" Drill bit
#2, #3 Phillps bit)
Tape Measure
Screw Drivers
Hammer Drill
(for poured concrete or block wall)

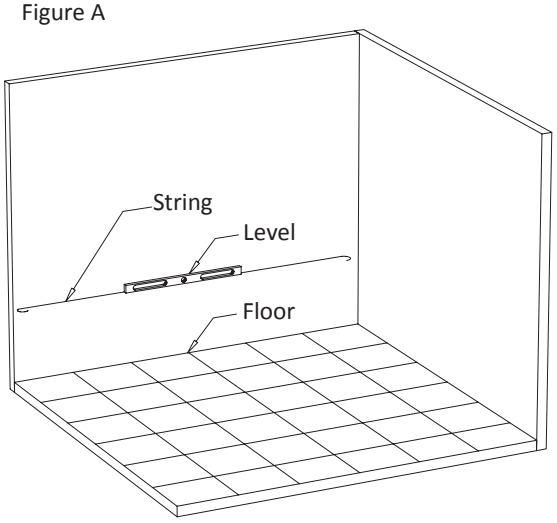


Disclaimer: mediatechnologies provides mounting hardware for your installation based on information provided at the time of order. The correct installation of the horizontal mounting track to the facility wall is the responsibility of the installer. mediatechnologies is not responsible for any issues or damage resulting from incorrect information provided at the time of order, the use of hardware other than that provided by mediatechnologies and/or incorrect installation of the horizontal mounting track.

HORIZONTAL MOUNTING TRACK

ELEMENTS INSTALLATION GUIDE

Figure A



Step 1

Several products are designed for the lower track. These products are mounted at 29" off of the floor.

a. Determine the high spot of your floor using level or transit.

b. Indicate a point on the wall 29" up from the high spot of the floor.

c. Place a string along the wall where the lower track is being installed (Figure A).

It is important that the string is tight and level for proper clearance of other components. Mark the location of string at each end. Snap chalk line using the two points defined above.

d. The center line of the lower track (Figure B) must be placed at 29" H line when mounting the track.

Figure B

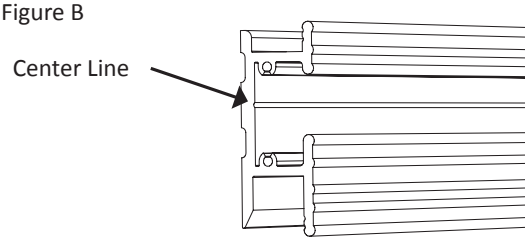
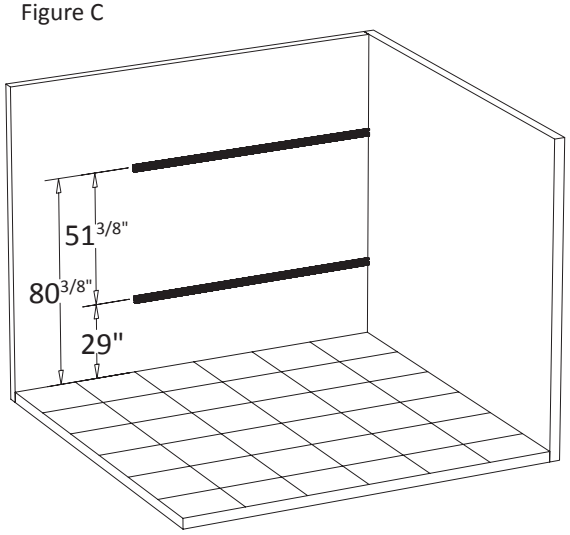


Figure C



Step 2

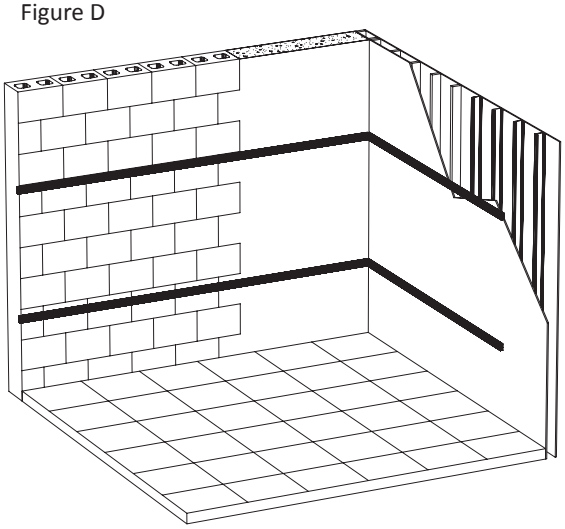
a.The center line for the upper track will be 51-3/8" above the center line of the lower track.

b. Measure up from the lower track line and place a mark at each end.

c. Snap a chalk line using the two points defined above (Figure C).

d. The center line of the upper track (See Figure B) must be placed on the 51-3/8" line when mounting the track.

Figure D



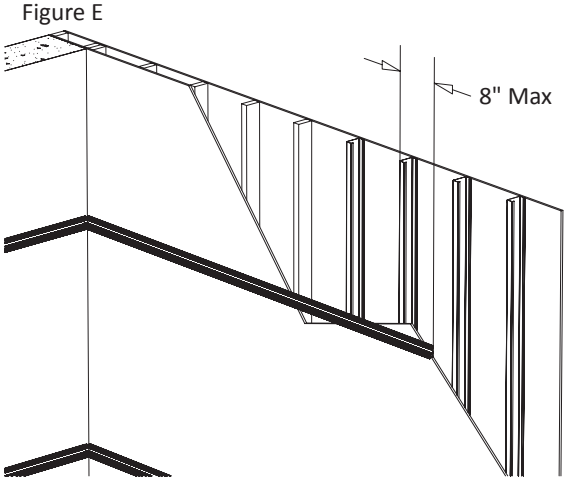
Step 3

a. Locate the wall substructure along the fastener location chalk lines.

For proper attachment of track to the wall, fasteners must tie directly into the substructure of the wall (studs, blocks, solid masonry) (Figure D). Select the appropriate fasteners for type of structural wall

A structural wall is a defined as a load-bearing wall constructed of materials such as: poured concrete, concrete block, or studs. Wood studs must be a nominal 2" x 4" size minimum. Metal studs must be "C" channel, 20-gauge thick minimum. Metal or wood studs must be on centers no greater than 16" and have maximum heights of 10' restrained at floor and ceiling. Interior walls shall be designed to resist not less than a force of 5 lbs. per square foot applied perpendicular to wall. The deflection of such walls under a load of 5 lbs. per square foot shall not exceed 1⁄400th of the span for walls with brittle finishes, and 1⁄124th of the span for walls with flexible finishes. If you have any questions concerning your load-bearing structures, please consult your architect or structural engineer.

Figure E



Step 4

Starting in the corners of the room:

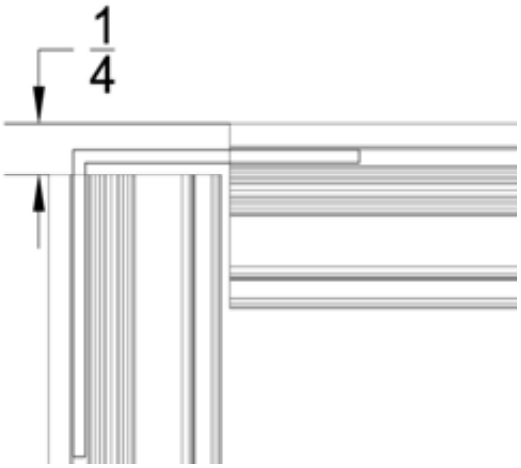
a. Prepare wall for track attachment by pre-drilling for and/or installing fasteners along chalk lines per the fastener manufacturer's guidelines.

b. Spacing of fasteners should not exceed 16" on center.

c. When ending a run, DO NOT extend the track more than 8" beyond the last anchor attachment (Figure E).

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Figure F

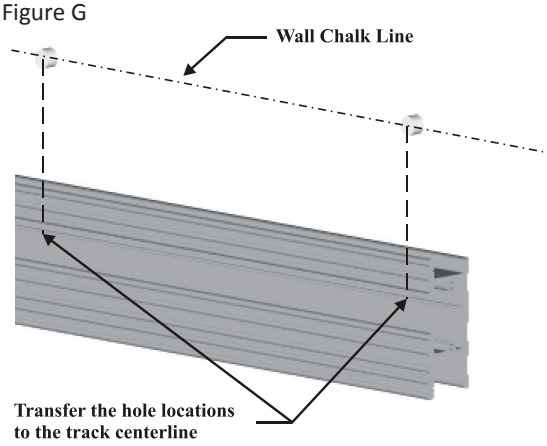


Step 5

a. Measure the length of the wall at the upper and lower marked fastener positions. Cut the track, when necessary, to the proper lengths.

A single section of track must attach to the wall with a minimum of two solid anchor attachment points. If the track is installed at intersecting walls, allow for the installation of the Splice Plate. Install Splice Plate prior to attaching track to the wall. The first length of track installed will be reduced by 1⁄4" at each intersection (Figure F).

Figure G



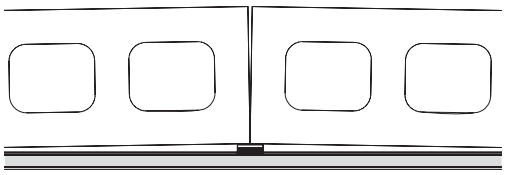
Step 6

a. Position the track against the wall just below the chalk line (Figure G). Transfer the fastener locations from the wall to the center line in the track.

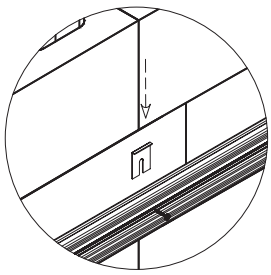
b. Drill a hold with the appropriate diameter in the track per the fastener manufacturer's guidelines.

Note: Tracks must be straight, level and parallel. Insure tracks do not "bow". Check for any gaps between the wall and the track and use spacers when necessary to shim between the wall and the track at attachment point(s) (Figure H).

Figure H



It is the responsibility of the installer and/or the contractor to select and install the proper fasteners in the structural wall. mediatechnologies® does not furnish fasteners or assume liability for their use.



c. Before installing the track, touch-up any exposed cut ends. Remove any sharp edges or burrs caused by cutting or drilling the track.

Figure I

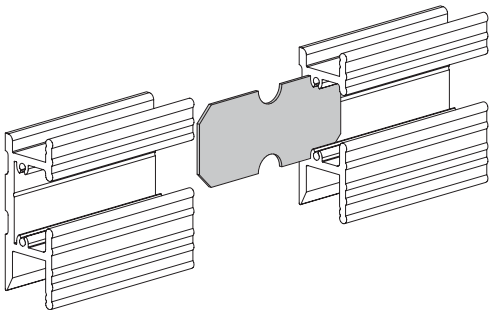


Figure J

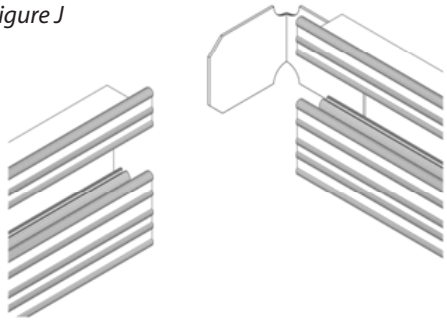
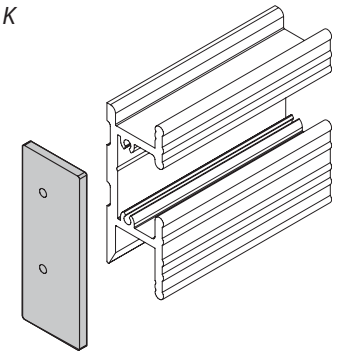


Figure K



Step 7

a. With the Splice Plate installed where required, attach the track to the wall.

To align two adjacent pieces of track, slide a Splice Plate into the channel at the back of the track. Offset the "U" in the splice plate with the seam between the tracks (Figure I).

To align two adjacent pieces of the horizontal mounting track at a corner intersection, bend the Splice Plate to the required angle at the notch provided (Figure J).

b. Check frequently to assure that the track is mounted at the correct elevations and that it is fastened securely to the wall using the proper fasteners.

c. Fasteners should be tightened according to the manufacturer's specifications.

d. On exposed track ends install End Caps (Figure K) using screws provided.

HORIZONTAL MOUNTING TRACK

ELEMENTS INSTALLATION GUIDE

Recommended Fasteners			
Construction Type	Size	Manufactures Model #	Our Model #
Steel Stud -for 1/2" to 3/4" drywall			
BB Toggler (1/4" -20) Snaptoggle ® Pkg of 10 (Use with 1/4" - 20 x 2 1/2" bolts)	1/4"-20	43321	HTDST
Wood Stud- for 1/4" to 5/8" drywall (meets or exceeds ANSI/ASME B18.6.4 and SAE J933)			
Panhead sheet metal screw	#12 x 2"	PHPMS	HTWS-2
Solid Masonry			
Double Expansion Anchor Bolt Powers ® Fasteners Pkg of 50 (Use with 1/4" - 20 x 1 1/4" bolts)	1/4"-20	9510	HTDEA-1.25
Masonry Block			
BB Toggler (1/4" -20) Snaptoggle ® Pkg of 10 (Use with 1/4" - 20 x 2 1/2" bolts)	1/4"-20	43321	HTDST
Double Expansion Anchor Bolt Powers ® Fasteners Pkg of 50 (Use with 1/4" - 20 x 1 1/4" bolts)	1/4"-20	9510	HTDEA-1.25
Hilti® Anchor System For Masonry Construction - Soft Brick, Block or Tile - HIT S 16 Screen Tube Pkg of 10 - HIT IG Insert pkg of 10 -Grade 5- 5/16"x2 Machine Screw -HIT-HY 20 Masonry Adhesive- 1 tube	 3 3/8" 5/16" x 2 5/16" x 2 11.1 oz	 00068613 00088397 00332229 00371959	 HIT-S HIT-IG HIT-MS HIT-HY 20
Anchor Bolts			
Anchor Bolt- 1.5 Anchor Bolt- 2.5 Anchor Bolt- 3	1/4"-20x1-1/2" 1/4"-20x2-1/2" 1/4"-20x3"		HTAB-1.5 HTAB-2.5 HTAB-3

Installation Fasteners:
These are general recommendations for installation fasteners. Since actual conditions vary, the final determination for the appropriate fastener will need to be made in the field.

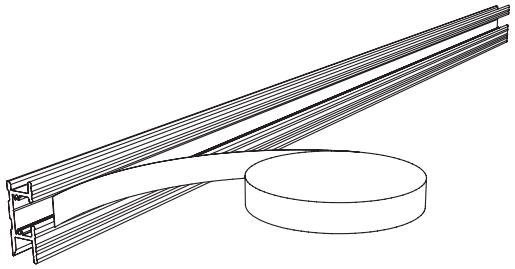
Installation Note: For Double Expansion Anchor Bolt
Threaded ends must be inserted first into wall.

FASTENER CONCEALMENT

INSTALLATION INSTRUCTIONS

TOOLS REQUIRED

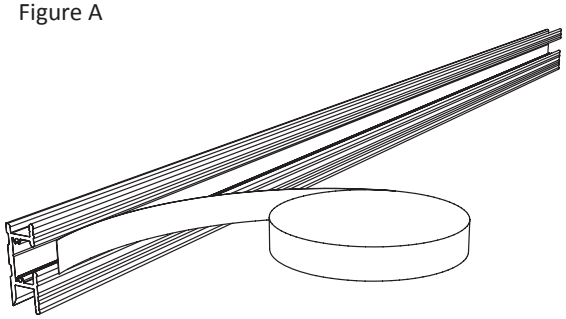
Securely Mounted Track
Fastener Concealment Vinyl
Scissors



FASTENER CONCEALMENT

ELEMENTS INSTALLATION GUIDE

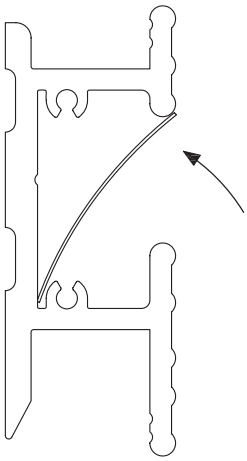
Figure A



Step 1

Unroll fastener concealment vinyl and cut to required length with scissors. See Figure A.

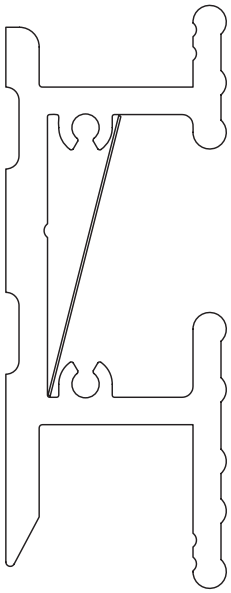
Figure B



Step 2

Slide the bottom edge of the fastener concealment vinyl into the screw channel located in thecenter of the bottom horizontal mounting track along the entire length of the horizontal mounting track. See Figure B.

Figure C



Step 3

Gently push the top edge of the fastener concealment vinyl behind the top lip of the horizontal mounting track. See Figure C.

CABINET

INSTALLATION INSTRUCTIONS

TOOL REQUIRED

Phillips Screwdriver

Note: With upper and lower horizontal mounting tracks in place and properly installed, you are ready to "mount" elements Cabinets.

More than one person is required for installations. Mount Wall Cabinets to upper track before mounting Base Cabinets to lower track.

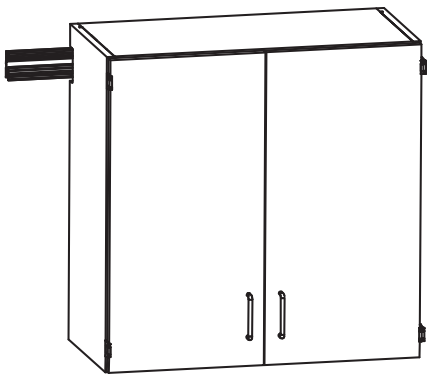


Figure A

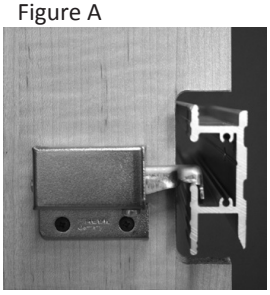
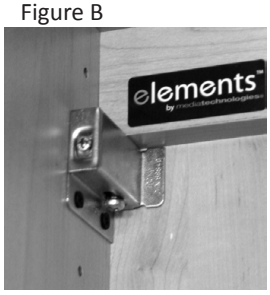


Figure B

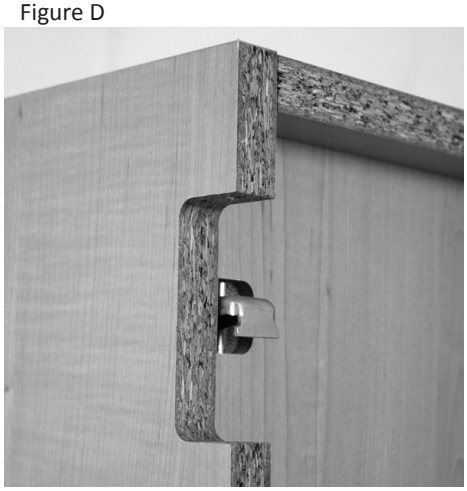


Step 1

Before you begin, be sure the lip of the cabinet clip is extended out far enough to catch the track (Figure A). If not, loosen clip screw using Phillips Screwdriver (Figure B).

Note that on Tall Cabinets there will be 4 clips, two in the upper corners, and two more that attach to the lower horizontal mounting track which are mounted beneath the cabinet's stringer.

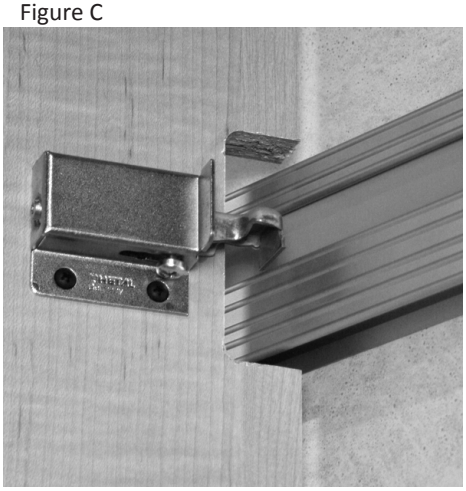
Figure D



Step 2

Each elements cabinet is manufactured with a cutout in each end panel to allow for track mounting. The lip of the cabinet clips can be seen from the exterior of the back of the cabinet. See Figure D.

Figure C

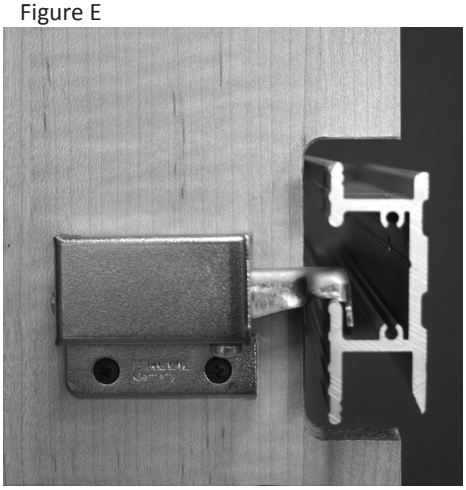


Step 3

Lift elements cabinet into place near the track it is being mounted onto. Align the cabinet clip to the center of the track as you move the cabinet closer (Figure C).

It is important that all cabinet clips are positioned properly so that all of them "catch" the track.

Figure E



Step 4

Once the cabinet is in position, lower it slowly allowing the weight of the cabinet to be supported by the cabinet clips resting on the horizontal track(s).

Verify that each clip "caught" the track.

Cabinets may be adjusted side to side on the track until the cabinet clip screws have been tightened.

Figure F



Step 5

With the cabinet in its desired location, tighten the clip screws on each clip to securely "lock" the cabinet into place. Use the height adjustment screws located on the bottom of the cabinet clips to raise the cabinet if leveling is required.

Note: To remove cabinets, loosen the clip screws and lift cabinet until the lip of the cabinet clips can clear the track, moving slowly away from the walls.

TALL CABINET

INSTALLATION INSTRUCTIONS

TOOL REQUIRED

Phillips Screwdriver

Note: With upper and lower horizontal mounting tracks in place and properly installed, you are ready to "mount" elements Cabinets.

More than one person is required for installations. Mount Wall Cabinets to upper track before mounting Base Cabinets to lower track.

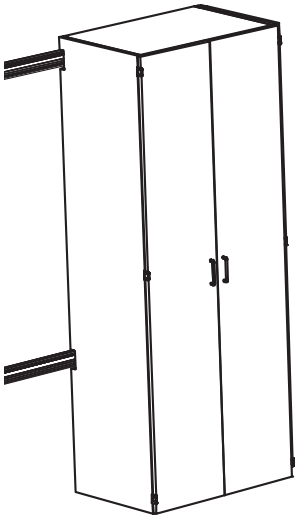


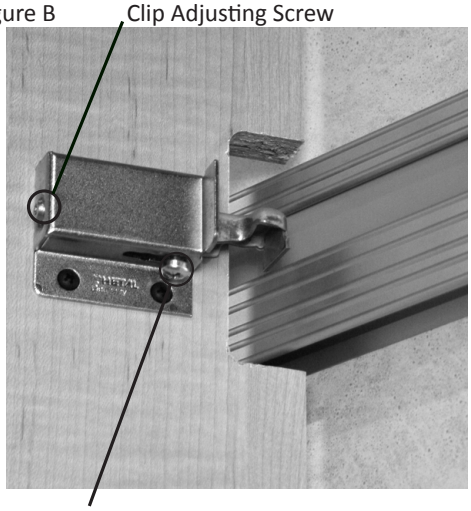
Figure A



Step 1

Tall Cabinets (36" in width or less) have 4 clips on the back side of the cabinet (Figure A) and are required to be mounted on the horizontal tracks.

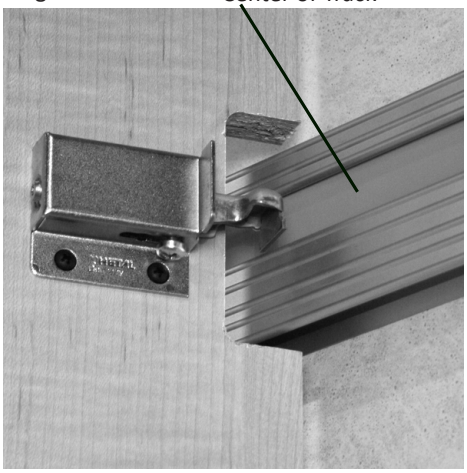
Figure B



Step 2

Loosen all four clip screws and height adjusting screws to extend and raise the clip hooks. See Figure B.

Figure C



Step 3

Carefully position the cabinet clips onto the track (Figure C).

It is important that cabinet clips are positioned properly so that all 4 of them make the correct contact, (see below). This will ensure that the weight of the cabinets is being distributed evenly on the upper & lower track.

Correct



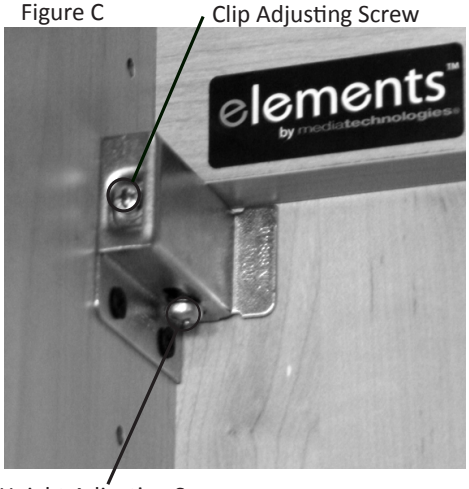
Incorrect



Step 4

All 4 clips should be flush to the track.

Figure C



Step 5

Ensure weight is distrubuted evenly. If necessary lower hooks by adjusting screws (Figure C).

Note: To remove cabinets, loosen the clip screws and lift cabinet until the lip of the cabinet clips can clear the track, moving slowly away from the walls.

WORKSPACE

INSTALLATION INSTRUCTIONS

TOOL REQUIRED

Phillips Screwdriver

Note: With upper and lower horizontal mounting tracks in place and properly installed, you are ready to "mount" elements work space.

Standard work space is 48", anything greater requires 3 or more arms.

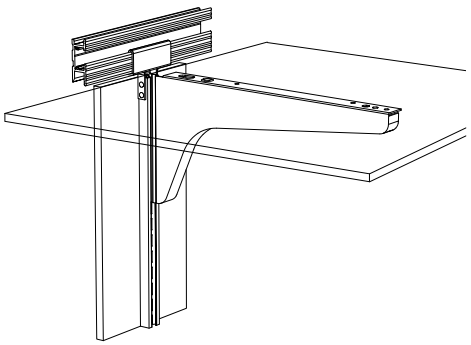
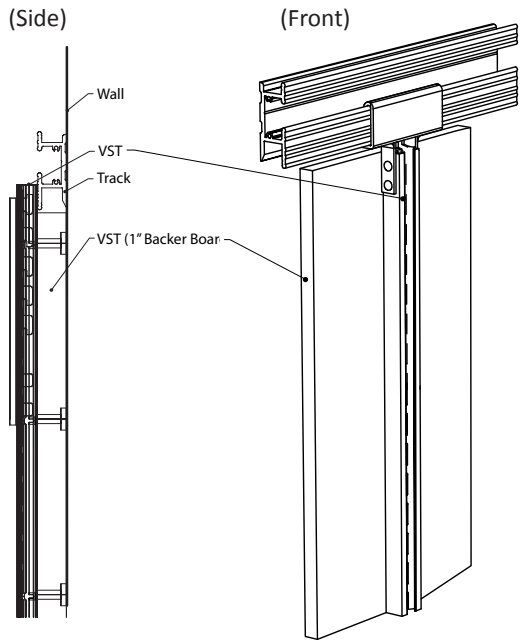


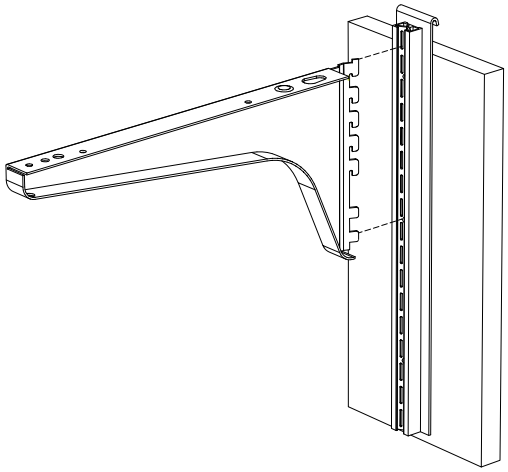
Figure A



Step 1

Attach the VST to the lower pertrusion of the track. Make sure the VST Backer Board is flush to the wall. See Figure A.

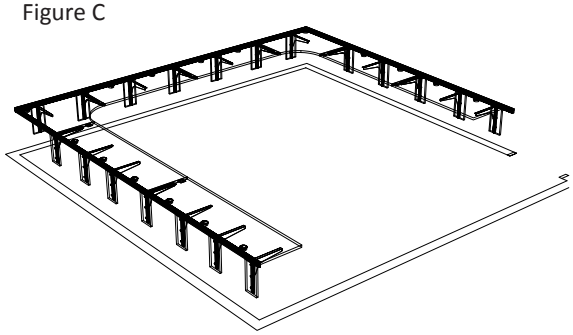
Figure B



Step 2

Attach the support arms to the VST at an angle and with downward force. Make sure that the smooth side of the arm is facing outward (Figure B).

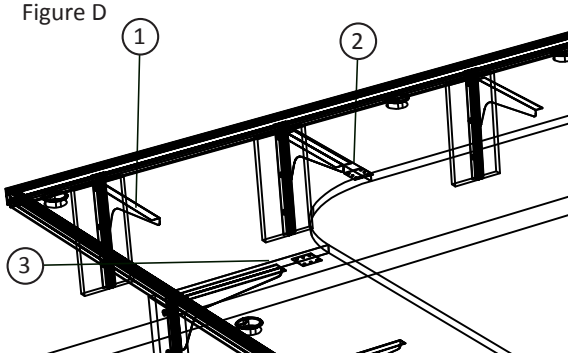
Figure C



Step 3

Carefully place the work surface on the arms. With pre-required number of arms, relate to standard (48") work space (Figure C).

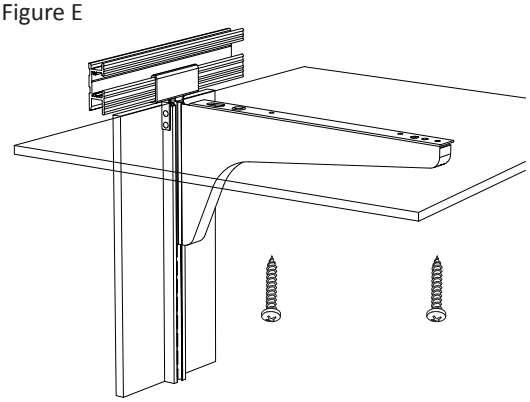
Figure D



Step 4

When dealing with work surface corners, make sure that you use 3 supporting arms, one in the corner (Figure D1), and one on each edge of the work surface (Figure D2,3).

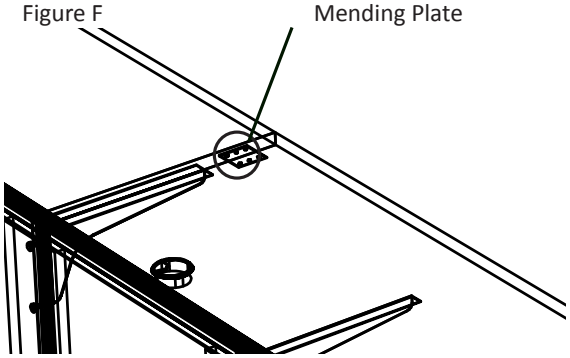
Figure E



Step 5

Drill the work surface to the arms with the self tappping wood screws, placing one in the front hole and one in the back hole. See Figure E.

Figure F



Step 6

Optional: Mending plates are availble. When used, place at the joint of two work surfaces and attach with 6 self tapping wood screws (Figure F).

TILE

INSTALLATION INSTRUCTIONS

TOOLS REQUIRED

10-32 x 3/4" Nylon-Tipped set screws
3/32 Allen Wrench

Note: With upper and lower horizontal mounting tracks in place and properly installed, you are ready to "mount" elements Tiles.

More than one person is required for installations, especially for elements Tiles wider than 24".

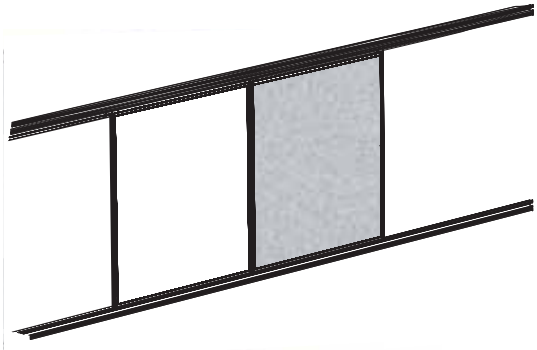
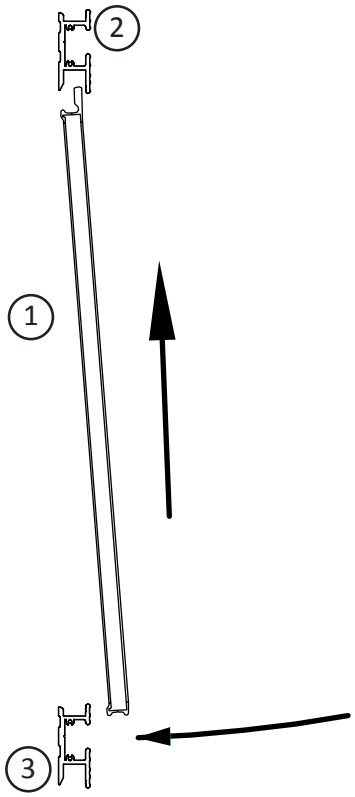


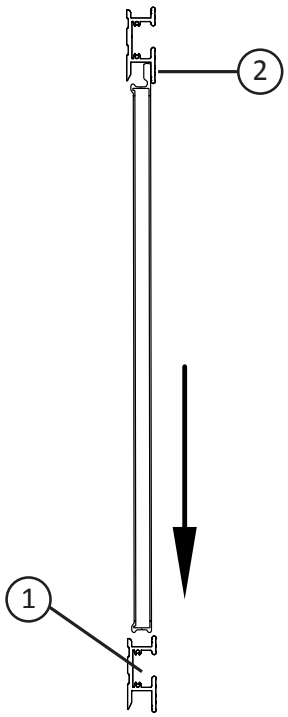
Figure A



Step 1

Holding elements Tile (1) at an angle, insert top of aluminum frame into the groove of the Upper Horizontal Mounting Track (2). Move the bottom of the Tile towards the wall and track as you insert the top of the Tile into the Upper Track allowing for the bottom of the Tile to clear the Lower Horizontal Mounting Track (3).

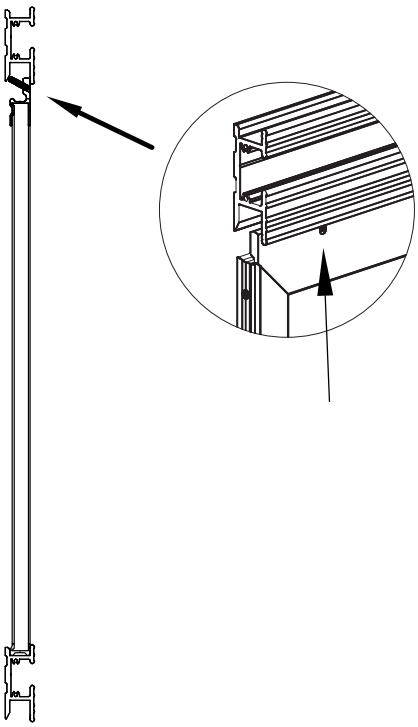
Figure B



Step 2

Once the bottom of the elements Tile has cleared the bottom track, lower the Tile into the groove (1) of the Lower Horizontal Mounting Track. The Tile rests on the Lower Horizontal Mounting Track and the "lip" (2) on the top of the aluminum frame will catch the front of the extrusion of Upper Horizontal Mounting Track.

Figure C



Step 3

With the elements Tile in place between the Upper and Lower Horizontal Mounting Tracks the Tile can be adjusted left and right. Once the Tile has been adjusted and is in position, secure in place with Nylon-Tipped set screws (Figure C) using 3/32 Allen Wrench.

SEISMIC

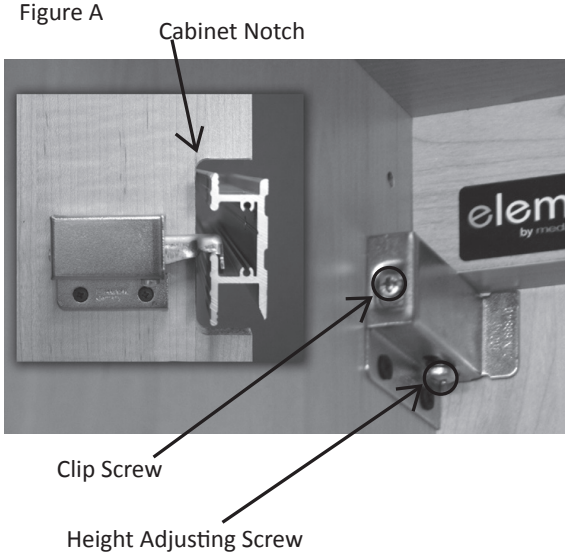
INSTALLATION INSTRUCTIONS

TOOL REQUIRED

Phillips Screwdriver

Note: This is a requirement for all elements products installed in seismic areas.

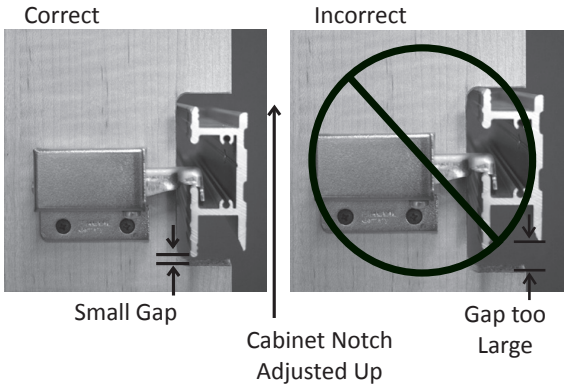
Figure A



Step 1

Once the elements product is mounted on the track, turn the height adjusting screw to raise the cabinet to its highest point. When height screws are adjusted tighten the clip screw, (Figure A).

Figure B



Step 2

Check that the cabinet notch is adjusted as high as possible, (see Figure B).

Figure C



Step 3

Raising the cabinet to the highest point prevents the cabinet from being dislodged from the track (Figure C).

Note: Cabinet notches must be lowered back to the center position to allow for re-configuration or removal of the cabinet.

TOE KICKS & LEGS

INSTALLATION INSTRUCTIONS

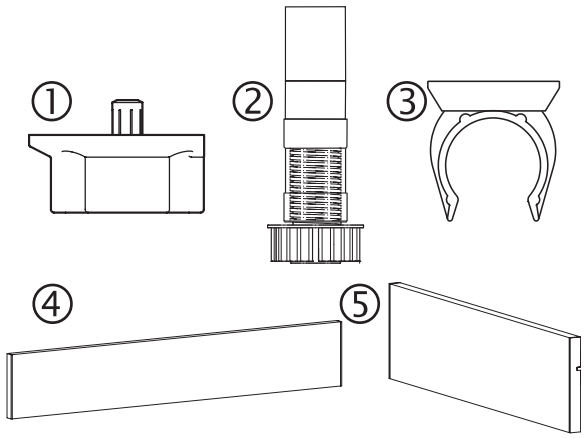
TOOL REQUIRED

Drill with #3 Phillips bit

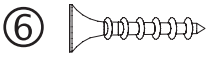
Note: Toe kicks and legs can be installed on any base or tall cabinet. Be sure to install legs before mounting cabinets onto the track.

TOE KICKS & LEGS

ELEMENTS INSTALLATION GUIDE



❶ Mounting Cap
❷ Toe Kick Leg
❸ Attachment Clip
❹ Toe Kick Front
❺ Toe Kick Side
❻ 5/8" Wood Screw



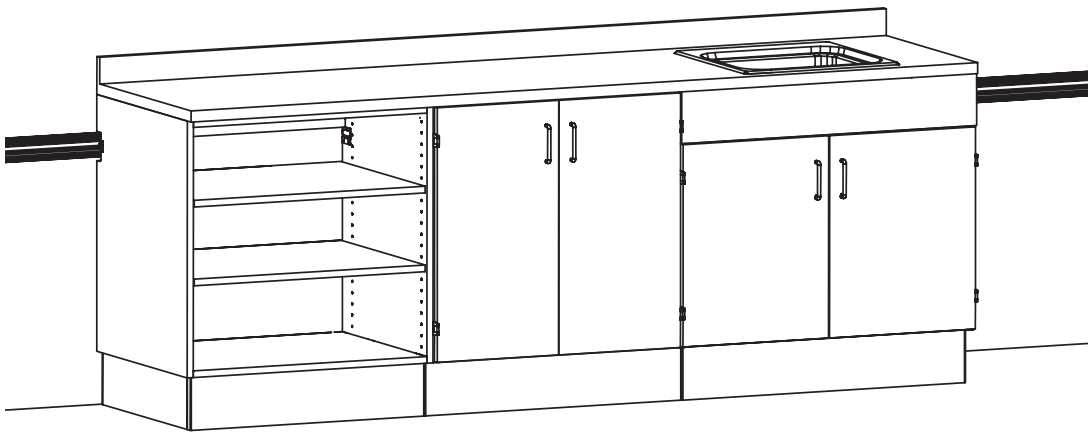
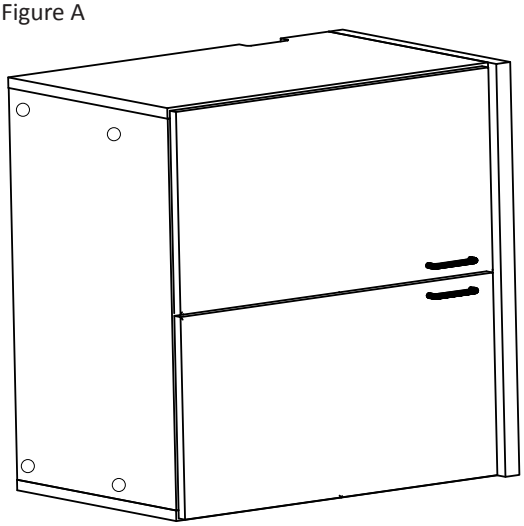


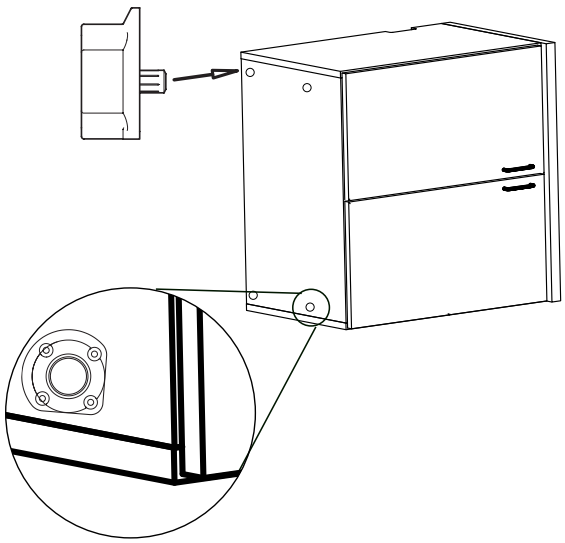
Figure A



Step 1

Place cabinet on its side on top of a clean padded surface, (Figure A).

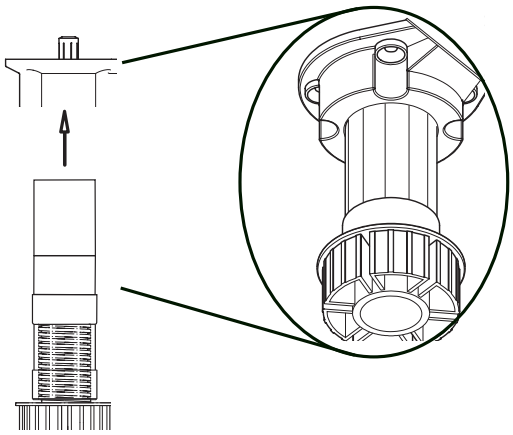
Figure B



Step 2

Insert dowel part of mounting cap into the hole on underside of cabinet. Flat sides of cap pointing outward (making a 90° angle). Screw (4) wood screws into cap top. See Figure B.

Figure C

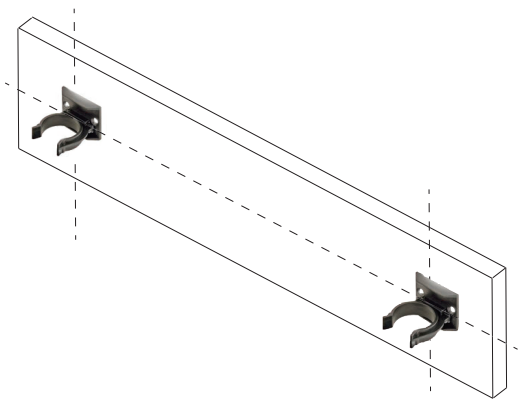


Step 3

Connect the Adjustable Foot to the mounting cap, (Figure C).

Note: Cabinet can now be attached to track. Adjust/level legs as needed.

Figure D

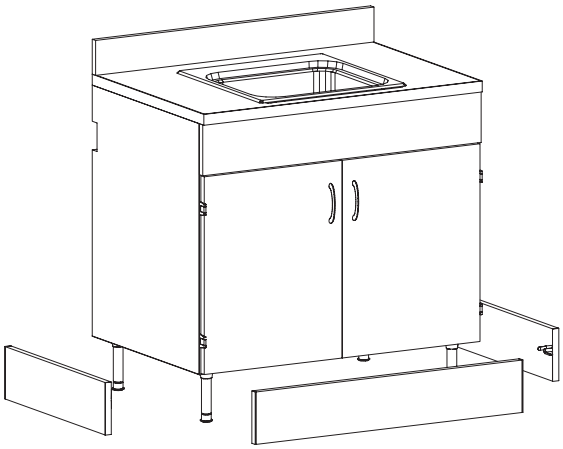


Step 4

Mount the attachment clips in desired location, approximately centered on the Toe Kick and leg, using (2) wood screws per clip.

Note: All clips must be mounted horizontally.

Figure E



Step 5

Attach Toe Kick Sides and Fronts to legs, by snap on connection.

CARE GUIDE

INSTRUCTIONS



LAMINATE PRODUCTS

- For everyday cleaning, wipe the surface with a clean, damp, nonabrasive cotton cloth or sponge. You may use a mild liquid detergent or household cleaner. Rinse with clean water using a clean, nonabrasive cotton cloth. Wipe completely dry with a soft, clean, nonabrasive cotton cloth using a straight line motion.

- If residual streaks and smears remain after normal cleaning, use a mild glass cleaner and then dry with a clean, nonabrasive cotton cloth.

Stains:

- Difficult stains such as coffee or tea can be removed using a mild household cleaner or detergent. A soft bristled brush may be used if needed. Repeat as necessary.

- Solvents such as denatured alcohol can also be used. Be sure to follow all directions and warnings on the solvent label as many are extremely flammable.

- For persistent stains use a paste of baking soda and water applied to the area to draw out the stain. Gentle scrubbing with a soft bristled brush for 10 to 20 strokes should remove most stains. Although baking soda is a low abrasive, excessive scrubbing or exerting too much force could damage the decorative surface, especially if it has a gloss finish. Wipe up the paste with a clean, damp, nonabrasive cotton cloth and then rinse with clean water.

- Stubborn stains that resist any of the above cleaning methods may require the use of undiluted household bleach or nail polish remover. Apply the bleach or nail polish remover to the stain and let stand no longer than two minutes. Rinse thoroughly with warm water and wipe dry. This step may be repeated if the stain appears to be going away and the color of the laminate has not been affected. WARNING: Prolonged exposure of the laminate surface to bleach will cause discoloration.

- Periodic application of a self-cleaning wax can help minimize future staining.

- Always rinse laminate surfaces after cleaning! If a small amount of cleaning solution remains on the surface, moisture can reactivate it and result in permanently etched scars.

Special Care Tips

- Acidic or abrasive cleaners can damage laminate surfaces; do not use them to clean the surface.

- Do not allow cleaners containing acid, alkali, or sodium hypo chlorite such as drain cleaners, oven cleaners, toilet bowl cleaners or rust removers to

come into contact with the laminate surface. They contain lye and other harsh chemicals that can cause permanent damage. If spills occur, wipe up immediately, wash surface with soapy water and rinse several times with water.

- Do not use steel wool or other abrasive pads for cleaning. Do not store steel wool pads on the laminate surface; the metal can rust and leave stains.

VENEER PRODUCTS

- **For everyday cleaning**, wipe the surface with a damp (not wet) cloth or sponge. **It is important to wipe in the direction of the wood grain.** Wipe dry with a clean, lint free cotton cloth.

- A mild glass cleaner can be used to clean the surface of your veneer furniture. This type of cleaner will not harm the finish and does not leave a residue. Apply cleaner to the surface and **wipe in the direction of the wood grain**. Wipe dry with a clean, lint free cotton cloth.

- **To remove dirt and finger prints**, a mild household cleaner may also be used. Dilute the cleaner as recommended by the manufacturer, dampen a soft cloth with the cleaning solution, and **wipe in the direction of the wood grain**. Wipe dry with a clean, lint free cotton cloth.

- **For polishing**, use a high quality liquid polish. Apply polish with a soft cloth as directed by the manufacturer. **Always polish the unit in the direction of the wood grain**.

- *Avoid wax based furniture polish or cleaners. The wax and silicone in these products will leave a build up on the surface making it appear cloudy.*

Special Care Tips

- Avoid cleaning products that contain oils or are ammonia based.

- Keep furniture out of direct sunlight.

- Use felt or leather pads and coasters to protect the surface from dents, scratches, and moisture from hot or cold liquids.

- **Do not** apply tapes or glues to the veneer as these can damage the surface.

- **Do not** pull or slide objects across a veneered surface. To avoid scratching the surface when moving objects, lift the object up and gently set it back down.

- Reposition any equipment and accessories periodically on the veneer surface to ensure even coloration as the unit ages.

FASTENER RECOMMENDATIONS

FASTENER RECOMMENDATIONS

ELEMENTS INSTALLATION GUIDE

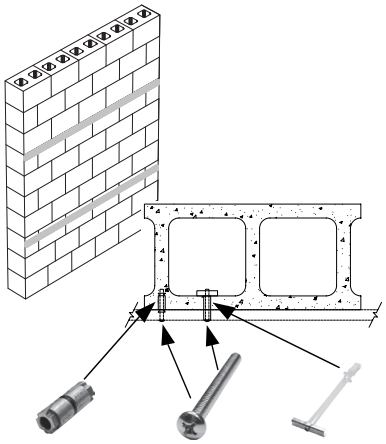
Tools Required:
1/2" Drill Masonary Bit

Notice: elements by mediatechnologies® track require 6 fasteners per 96" section. Recommend fasteners for wall types listed below.



Do Not Use Tapcons

Wall - Block concrete

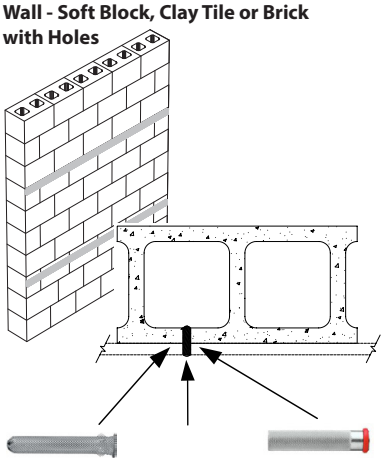


HTDEA-1.25
Anchor Bolt
Double Expansion
1/4" - 20 x 1-1/4" *for use with solid blocks*

HTAB
Anchor Bolt
HTAB-1.5...1/4"-20 x 1-1/2"
HTAB-2.5...1/4"-20 x 2-1/2"
HTAB-3.....1/4"-20 x 3"

HTDST
Toggler Anchor
1/4" - 20 x 2"
for use with void in blocks

Wall - Soft Block, Clay Tile or Brick with Holes



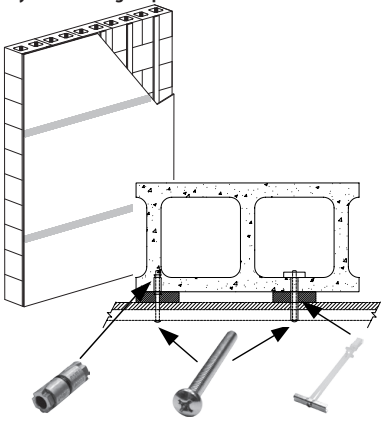
HIT-S
Screen Tube
5/16"x2

HIT-5/16"
Grade A 5/16" x 2"
Machine Screw

HIT-IG
Insert
Anchoring System
5/16"x2

Wall example -Block with furring strips

Try to hit furring strips



HTDEA-1.25
Anchor Bolt
Double Expansion
1/4" - 20 x 1-1/4"
for use with solid blocks

HTAB
Anchor Bolt
HTAB-2.5...1/4"-20 x 2-1/2"
HTAB-3.....1/4"-20 x 3"

HTDST
Toggler Anchor
1/4" - 20 x 2"
for use with void in blocks

Wall - Poured cement



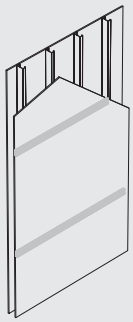


HTDEA-1.25
Anchor Bolt Double Expansion
1/4" - 20 x 1-1/4"
for use with blocks



HTAB
Anchor Bolt
HTAB-1.5 .....1/4"-20 x 1-1/2"
HTAB-2.5 .....1/4"-20 x 2-1/2"
HTAB-3 .....1/4"-20 x 3"

Wall - Steel studs with drywall



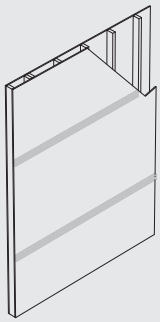


HTDST
Toggler Anchor
1/4" - 20 x 2"
for use with steel studs



HTAB
Anchor Bolt
HTAB-1.5 .....1/4"-20 x 1-1/2"
HTAB-2.5 .....1/4"-20 x 2-1/2"
HTAB-3.....1/4"-20 x 3"

Wall - Wood studs with drywall





HTWS-2
Horizontal Mounting Track #12 Screw
#12 x 2" wood screw
for use wood studs

For proper attachment of track to the wall, fasteners must tie directly into the substructure of the wall (studs, blocks, solid masonry) Select the appropriate fasteners for type of structural wall. A structural wall is a defined as a load-bearing wall constructed of materials such as: poured concrete, concrete block, or studs. Wood studs must be a nominal 2" x 4" size minimum. Metal studs must be "C" channel, 20-gauge thick minimum. Metal or wood studs must be on centers no greater than 16" and have maximum heights of 10' restrained at floor and ceiling. Interior walls shall be designed to resist not less than a force of 5 lbs. per square foot applied perpendicular to wall. The deflection of such walls under a load of 5 lbs. per square foot shall not exceed 1/400th of the span for walls with brittle finishes, and 1/124th of the span for walls with flexible finishes. If you have any questions concerning your load-bearing structures, please consult your architect or structural engineer.

FASTENER RECOMMENDATIONS

ELEMENTS INSTALLATION GUIDE

Recommended Fasteners			
Construction Type	Size	Manufactures Model #	Our Model #
Steel Stud -for 1/2" to 3/4" drywall			
BB Toggler (1/4" -20) Snaptoggle ® Pkg of 10 (Use with 1/4" - 20 x 2 1/2" bolts)	1/4"-20	43321	HTDST
Wood Stud- for 1/4" to 5/8" drywall (meets or exceeds ANSI/ASME B18.6.4 and SAE J933)			
Panhead sheet metal screw	#12 x 2"	PHPMS	HTWS-2
Solid Masonry			
Double Expansion Anchor Bolt Powers ® Fasteners Pkg of 50 (Use with 1/4" - 20 x 1 1/4" bolts)	1/4"-20	9510	HTDEA-1.25
Masonry Block			
BB Toggler (1/4" -20) Snaptoggle ® Pkg of 10 (Use with 1/4" - 20 x 2 1/2" bolts)	1/4"-20	43321	HTDST
Double Expansion Anchor Bolt Powers ® Fasteners Pkg of 50 (Use with 1/4" - 20 x 1 1/4" bolts)	1/4"-20	9510	HTDEA-1.25
Hilti® Anchor System For Masonry Construction - Soft Brick, Block or Tile - HIT S 16 Screen Tube Pkg of 10 - HIT IG Insert pkg of 10 -Grade 5- 5/16"x2 Machine Screw -HIT-HY 20 Masonry Adhesive- 1 tube	 3 3/8" 5/16" x 2 5/16" x 2	 00077810 00088397 00371959	 HIT-S HIT-IG HIT-5/16" HIT-HY 20
Anchor Bolts			
Anchor Bolt- 1.5 Anchor Bolt- 2.5 Anchor Bolt- 3	1/4"-20x1-1/2" 1/4"-20x2-1/2" 1/4"-20x3"		HTAB-1.5 HTAB-2.5 HTAB-3

Installation Fasteners:
These are general recommendations for installation fasteners. Since actual conditions vary, the final determination for the appropriate fastener will need to be made in the field.

Installation Note: For Double Expansion Anchor Bolt
Threaded ends must be inserted first into wall.

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CAUTION

Assemble units only as described in this guide.
All screws, nuts & bolts and other fasteners must be tightened securely and checked regularly.
Failure to do so could cause instability and injury.