



## Leaf Folding Wall

Installation Guide

Issued: 2024-05-06





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## OVERVIEW

The Leaf™ Folding Wall (Leaf Wall or Leaf) is a hinged sliding wall that divides or opens a space up. This system can be implemented into new wall systems or retrofitted into walls that have already been installed. Hanging from a track, this wall system uses bearings centered at the top of each wall module to allow the wall to unfold and move along the track.

This document contains information on which parts comprise the system and how to install it.

**NOTE:** See the [Leaf Folding Wall Tech Sheet](#) for further technical details.



Leaf Wall partially open

**IMPORTANT:** Structural support for the Leaf wall must be engineered on a per project basis.



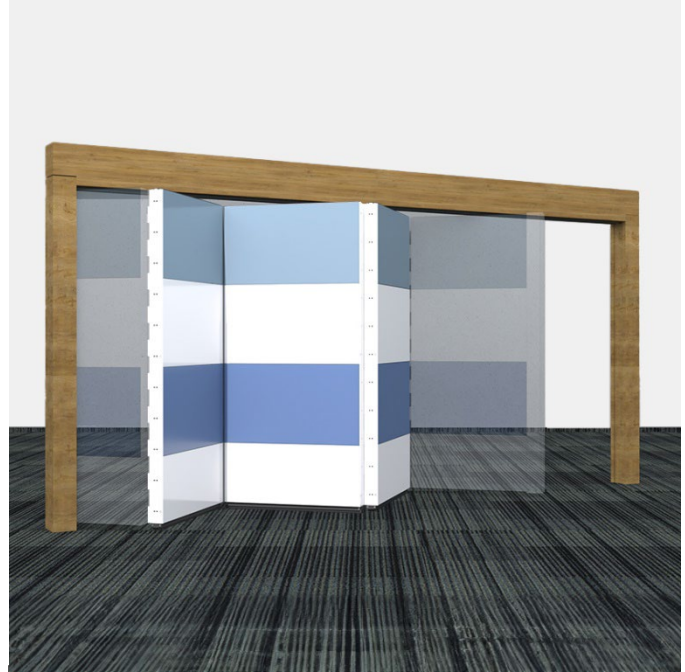
# LEAF TERMINOLOGY

## Leaf Terminology



### DOCKED

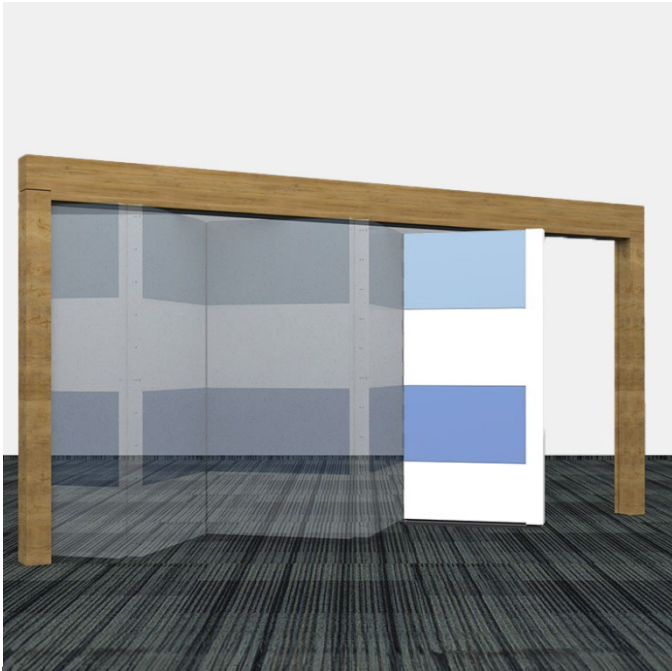
Each Leaf Module is aligned with one another to form a straight line and is in the unfolded position. The handle and flush bolt are extended and locked, ensuring the wall is fully “docked.”



### LEAF MODULES

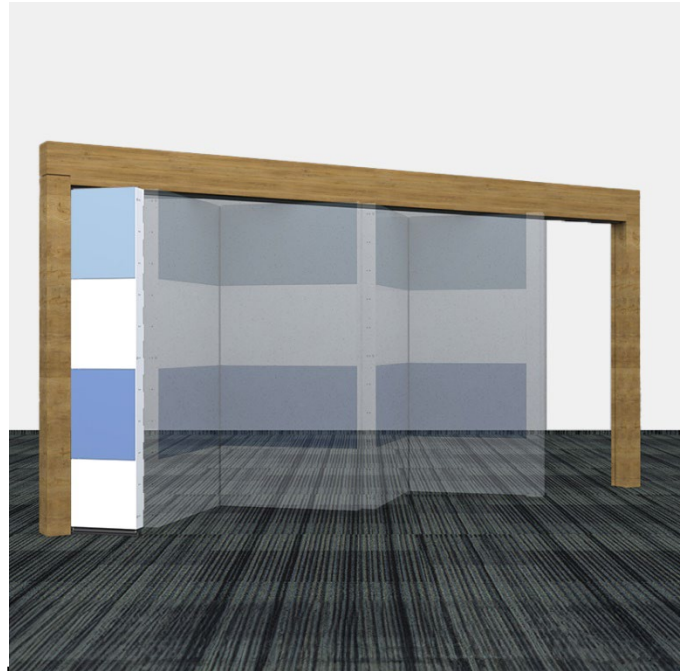
The wall consists of Leaf Modules that roll on a track and fold on hinges. The modules are all the wall frames the Docking Module and the Half Module and all the modules in between.





### DOCKING MODULE

Located at the end of Leaf where the wall docks. The Docking Module is a Leaf Module with docking components at the end.



### HALF MODULE

A smaller “leaf” or half-width module that facilitates retraction. It is the only module without a roller in the Leaf Folding Wall system.



### STACKED

The Leaf Wall is folded or “stacked” for storage.



### ROLLER ASSEMBLY

Centered on the top of each panel (except the Half Module), the roller assemblies allow the Leaf Wall to extend and stack as required.



### LEAF HINGES

Attaches to the end verticals of the Leaf Modules to extend or stack in an accordion-like motion.



### BASE SWEEP

PVC base sweep is attached under each Leaf Module with the base trim attached to Low-profile Madonna, creating light and sound seals.



### FLUSH BOLT ASSEMBLY

The assembly uses the flush bolt to pin the Leaf wall in the unfolded position.



# PARTS REFERENCE

**NOTE:** Screws are listed within the appropriate installation steps.

## PARTS REFERENCE—STRUCTURAL SUPPORT

PART		NOTES
<a href="#">WORK ORDER</a>	Timber or Steel Beam	Custom per job specifications
<a href="#">11560</a>	Leaf Wall Track Extrusion	Extrusions will all have notched ends
<a href="#">52474</a>	Leaf Wall Track Splines	QTY 4 per track extrusion connection
<a href="#">17258</a>	Leaf Wall Track Wipe	PVC roll, length cut per track extrusion on-site
<a href="#">WORK ORDER</a>	Hinge Screw Spline	For DIRTT Post
ANCHOR BRACKET OPTIONS		
<a href="#">214039</a>	Anchor Bracket	Bracket for Stealth Menage V2, 4-Way Post (Swinger) and Monogamy Post
<a href="#">214037</a>	Menage Skin Anchor Bracket	Bracket for Split Post Menage (92392)

## PARTS REFERENCE—ALL LEAF MODULES

PART		NOTES
<a href="#">01</a> <a href="#">94810</a>	Leaf Wall Roller Assembly	QTY 1 per Leaf Module, except Half Module
<a href="#">02</a> <a href="#">WORK ORDER</a>	Leaf Wall Module Top Spline	See work order for QTY and part number.
<a href="#">03</a> <a href="#">WORK ORDER</a>	Leaf Wall Vertical Spline for Hinges	See work order for Qty and part number.
<a href="#">04</a> <a href="#">11547</a>	Leaf Wall Vertical Hinge	QTY varies per job
<a href="#">07</a> <a href="#">16833/16832</a>	Flex Base Trim (Santoprene)—Black/Silver	
<a href="#">18019</a>	Leaf Sound Stopper	

### SOLID WALL-SPECIFIC COMPONENTS

<a href="#">05</a> <a href="#">12802</a>	Solid Low Profile Wall Leveler	
<a href="#">06</a> <a href="#">223085</a>	Leaf Wall Solid Wall Base End Cap	

### GLASS WALL-SPECIFIC COMPONENTS

<a href="#">12801</a>	Glass Low Profile Wall Leveler	
<a href="#">223084</a>	Leaf Wall Glass Wall Base End Cap	

### BASE SWEEP OPTIONS

<a href="#">08</a> <a href="#">17700</a>	Leaf Wall 1" Base Sweep—Black	1" height with length cut per Leaf Module width
<a href="#">17900</a>	Leaf Wall 1 ½" Base Sweep—Silver	1 ½" height with length cut per Leaf Module width. Ordered upon Product Development (PD) review
<a href="#">17904</a>	Leaf Wall 1" Base Sweep—Silver	1" height with length cut per Leaf Module width





<a href="#">17901</a>	Leaf Wall 1 ½" Base Sweep—Black	1 ½" height with length cut per Leaf Module width. Ordered upon Product Development (PD) review
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HALF-MODULE COMPONENTS

<a href="#">09</a>	<a href="#">52466</a>	Leaf Wall Half Module Top Spline
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DOUBLE WALL ADDITIONAL COMPONENTS

<a href="#">WORK ORDER</a>	Leaf Wall Vertical Spline—Static	In addition to other splines above
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PARTS REFERENCE—DOCKING MODULE

PART		NOTES
<a href="#">10</a>	<a href="#">WORK ORDER</a>	Leaf Wall Docking Module Vertical Spline
<a href="#">11</a>	<a href="#">223083</a>	Leaf Wall End Linkage Leaf Hand (LH) and Right Hand (RH) Fins Assembly
<a href="#">14</a>	<a href="#">223078</a>	Leaf Wall Dynamic Flush Bolt Rod Assembly on End Linkage Spline
<a href="#">16</a>	<a href="#">223072</a>	Leaf Wall Docking Module End Cap
<a href="#">17</a>	<a href="#">223076</a>	Leaf Wall End Cap Pin Guide Assembly
<a href="#">18</a>	<a href="#">14094</a>	CR Laurence (CRL) Dustproof Keeper Commonly called a “dustkeeper”

LINKAGE HINGES

<a href="#">12</a>	<a href="#">223073</a>	Leaf Wall Linkage Upper Hinge Assembly Used for upper and middle hinge
<a href="#">15</a>	<a href="#">223074</a>	Leaf Wall Linkage Lower Hinge Assembly

LEAF WALL END LINKAGE LOCK-OFF

<a href="#">13</a>	<a href="#">223075</a>	Leaf Wall End Linkage Lock-Off Assembly
	<a href="#">222101</a>	Leaf Wall Flush Bolt Lock-off
	<a href="#">11624</a>	Leaf Wall End Linkage Faceplate
	<a href="#">STOCK</a>	#8-32 x ½" Phillips Flat Head Undercut Screw (FHUS)

DOUBLE WALL ADDITIONAL COMPONENTS

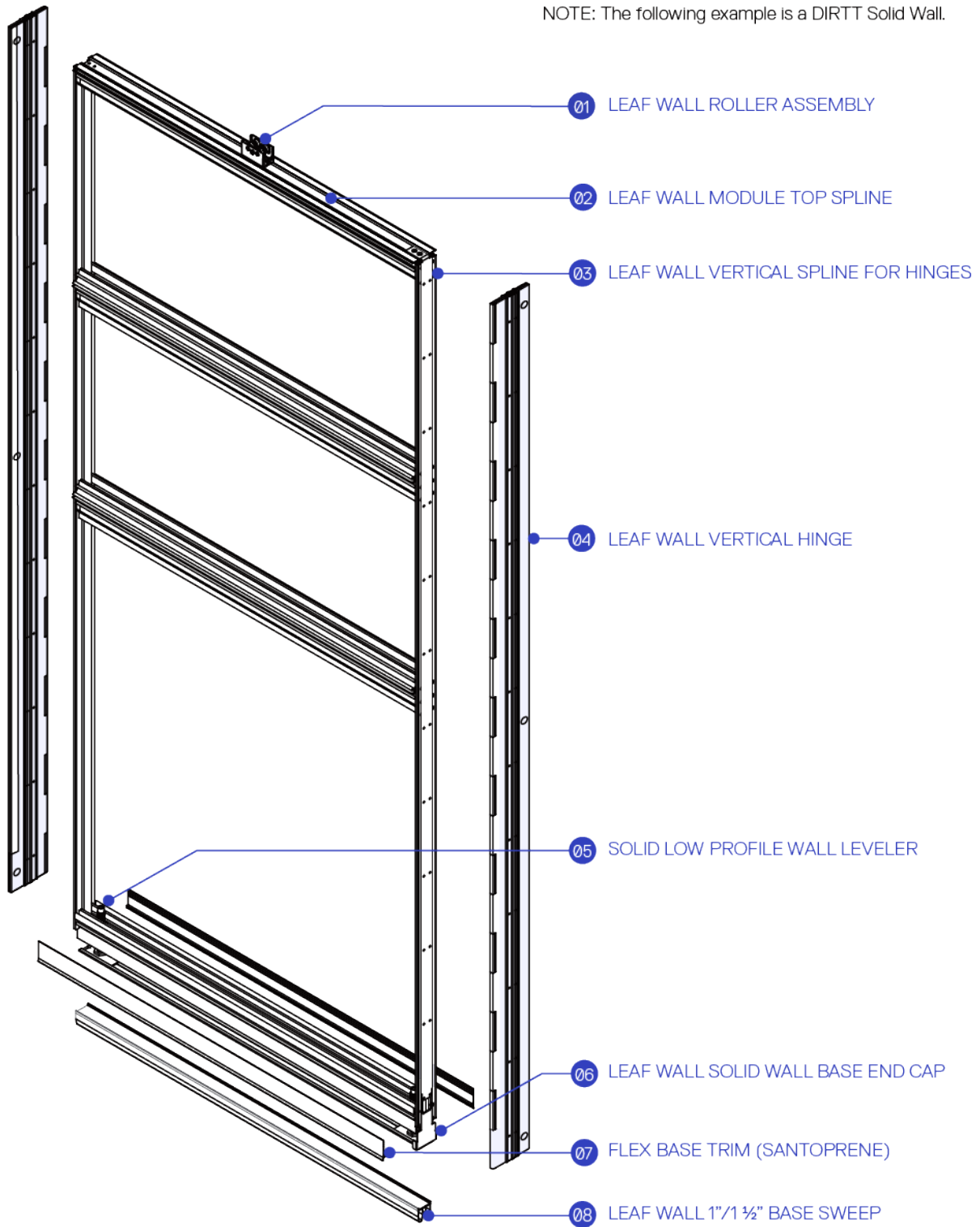
<a href="#">223079</a>	Leaf Wall Static Flush Bolt Rod Assembly
<a href="#">223086</a>	Leaf Wall Static Spline X-Rex Cap Assembly



# LEAF COMPONENTS

## EXPLODED VIEW—LEAF MODULE

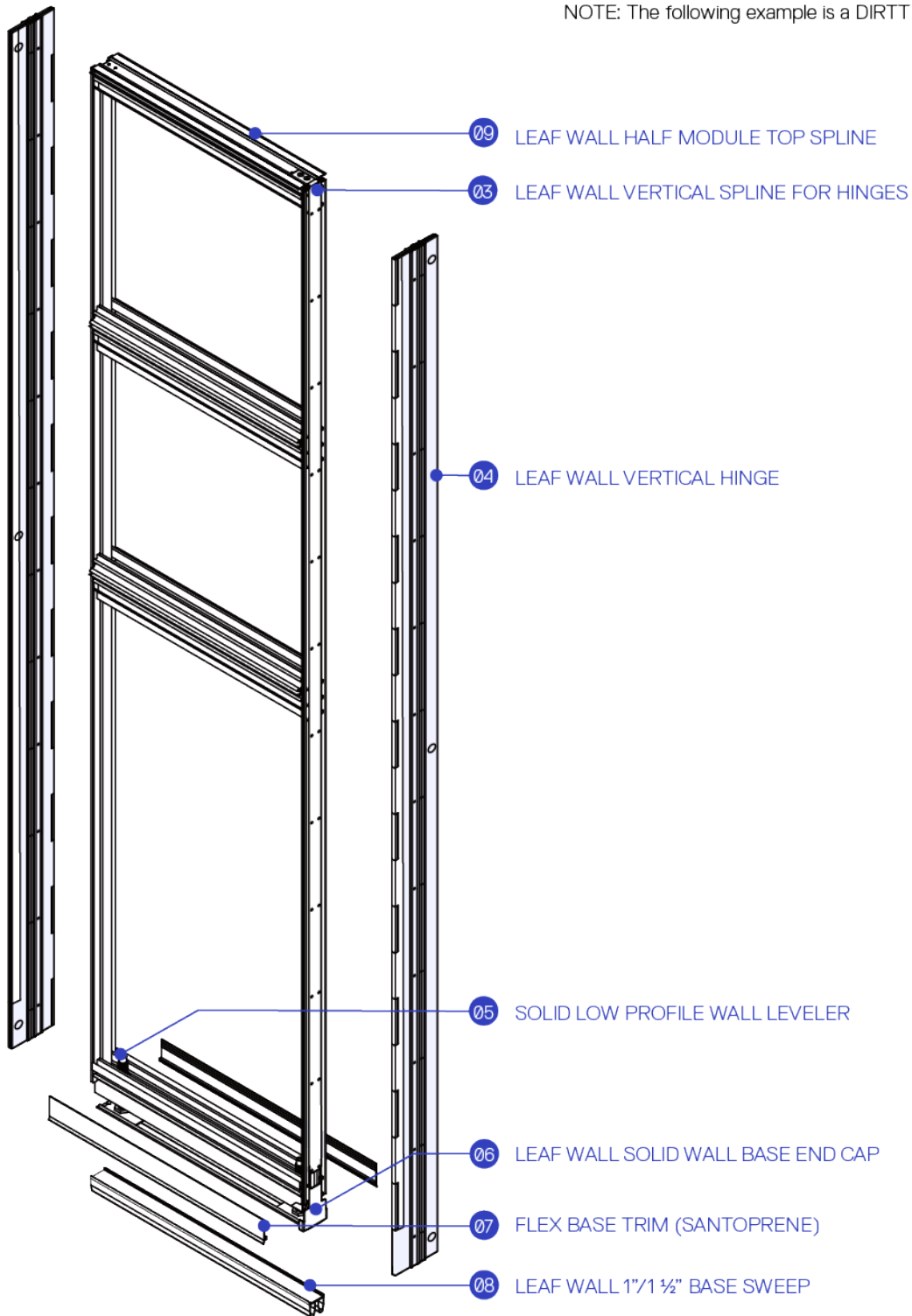
NOTE: The following example is a DIRTT Solid Wall.





## EXPLODED VIEW—HALF-MODULE

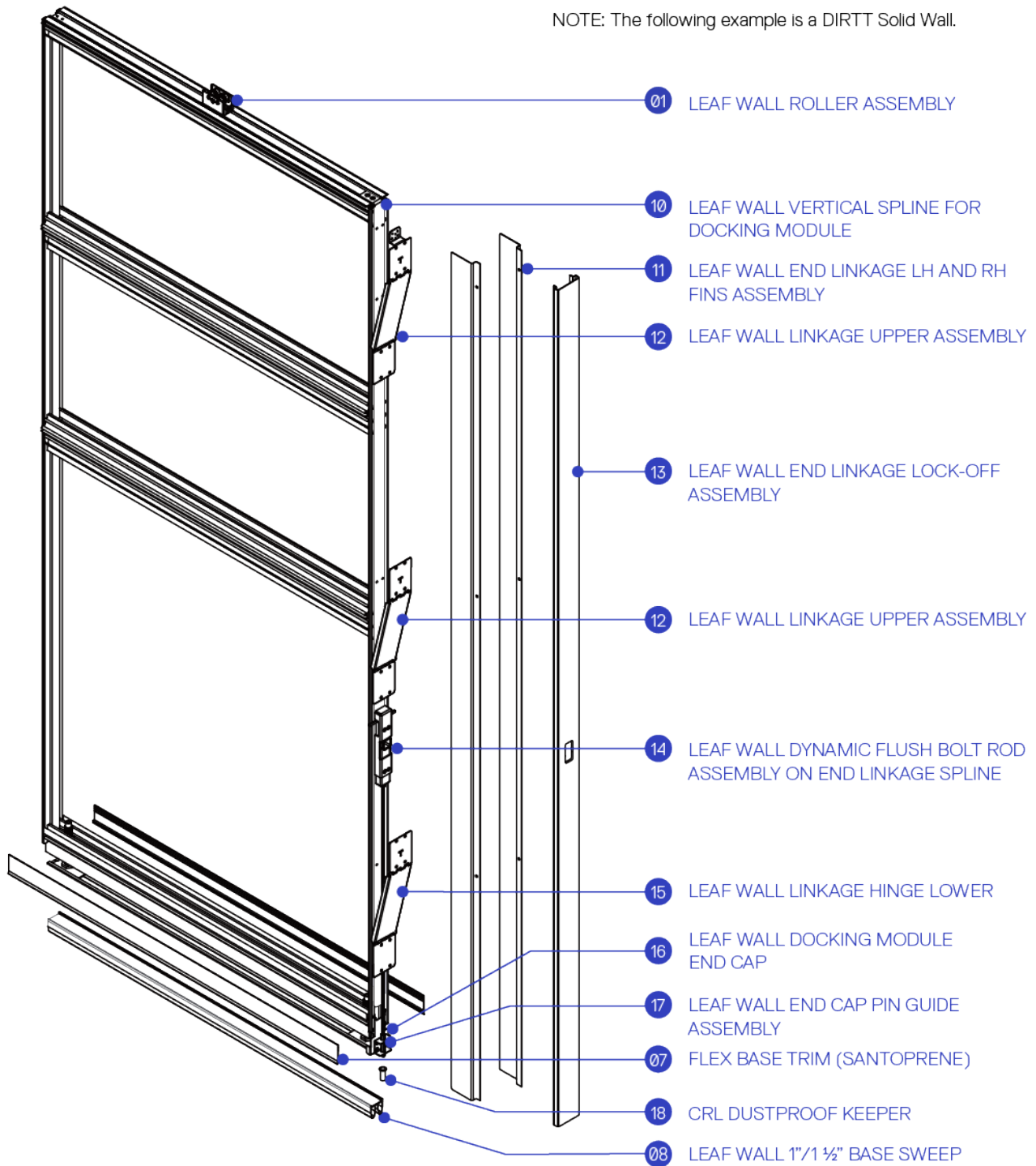
NOTE: The following example is a DIRTT Solid Wall.





## EXPLODED VIEW—DOCKING MODULE

NOTE: The following example is a DIRTT Solid Wall.



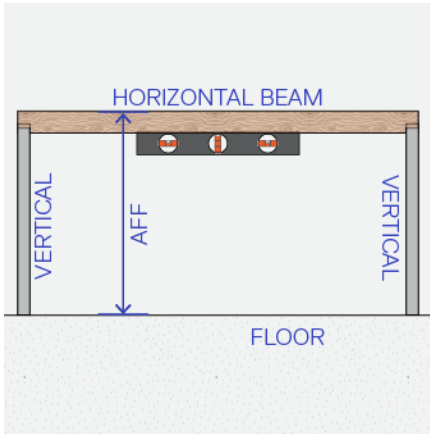


# LEAF WALL INSTALLATION

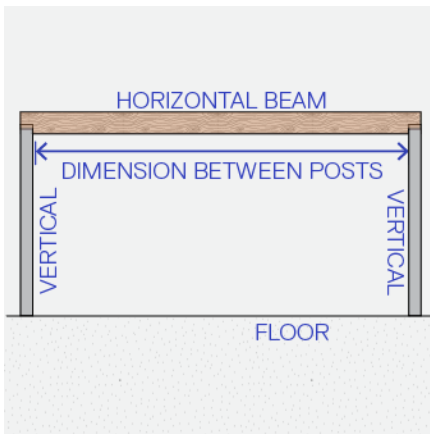
## Pre-Installation Check

**TECH TIP:** The following instructions use a Solid Wall installed into a horizontal timber beam with DIRTT posts as the example installation of a Leaf Wall.

01. Check the verticals are plumb and the horizontal beam is level across the length.



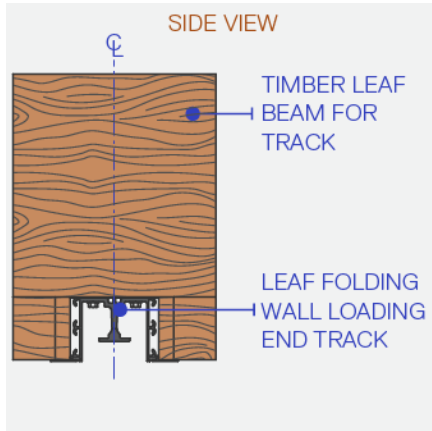
02. Check the dimension between the posts to ensure it is the same as the elevation.





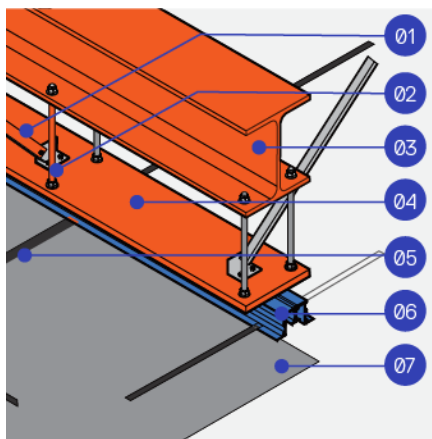


**03. TIMBER ONLY:** Check to ensure the notch for the track is centered in the horizontal beam.



**04. STRUCTURAL STEEL ONLY:** Ensure the steel flat bar is level by adjusting the threaded rods.

**IMPORTANT:** A steel flat bar Bond drawing is available upon request from the project manager. You may need to **enlist a qualified milling shop** for the needed precision.



**TECH TIP:** Drill the steel supporting plate in the field. By doing so, you allow for any unforeseen variations in site conditions that may have been overlooked or unaccounted for.

### PART REFERENCE—COMPONENTS IN A STRUCTURAL-STEEL HEADER

PART	NAME
01	Lateral Tieback
02	Threaded Rod
03	Structural Steel Bar
04	Steel Flat Bar
05	Ceiling Grid
06	Leaf Wall Track Extrusion
07	Ceiling Tile

**NOTE:** All parts and components shown, except for the **DIRTT Leaf Track Extrusion**, are designed and supplied “by others.”



## Install Anchor Bracket to Post

When the Leaf Wall is to be hinged off a DIRTT 4" Post, an anchor bracket is required to be fastened to the floor and the post for structural support. This anchor bracket is **not** for timber verticals or drywall base building hinged sides.

### PART REFERENCE—ANCHOR BRACKETS

PART		QTY	NOTES
<a href="#">214035</a>	Screw Port Spline	1	
<a href="#">STOCK</a>	#10 x 1 ½" Pan Head Tek Screws (PHTS)	4	
<a href="#">11989</a>	Stealth Menage V2	1	
<a href="#">11170</a>	4-way Post	1	Also known as the "Swinger."
<a href="#">11394</a>	Monogamy	1	
<a href="#">92392</a>	Split Post—Menage	1	
<a href="#">92391</a>	Split Post—Chicago	1	

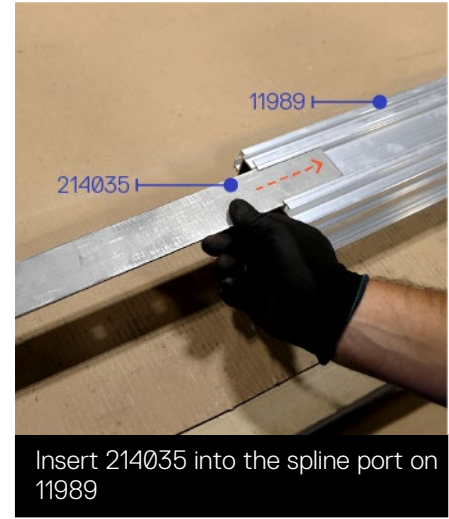
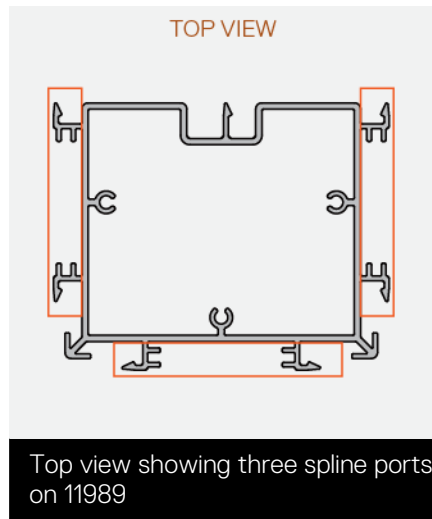
### ANCHOR BRACKET OPTIONS

<a href="#">214039</a>	Post Structure Anchor Bracket	1	Used with: <ul style="list-style-type: none"><li>• <a href="#">11989_Stealth Menage V2 Post</a></li><li>• <a href="#">11170_4-Way Post (Swinger)</a></li><li>• <a href="#">11394_Monogamy Post</a></li></ul>
<a href="#">214040</a>	Post Anchoring Assembly	1	<ul style="list-style-type: none"><li>• Shows steps to installing the assembly.</li><li>• Drawing <a href="#">214042</a> shows milling instructions.</li></ul>
<a href="#">214037</a>	Menage Skin Anchor Bracket	1	Used with: <ul style="list-style-type: none"><li>• <a href="#">92392_Split Post—Menage</a></li><li>• <a href="#">92391_Stealth Menage Post</a></li></ul>

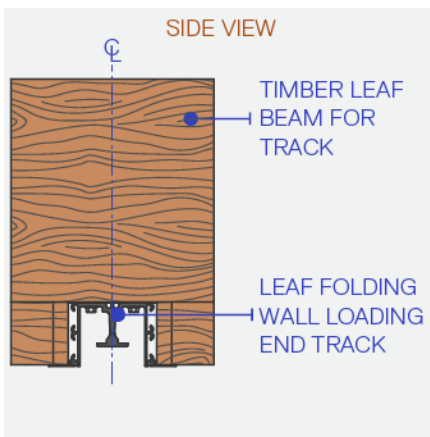
**TECH TIP:** The following steps use [214039\\_Post Anchor Bracket](#) and [11989\\_Stealth Menage V2 Post](#).



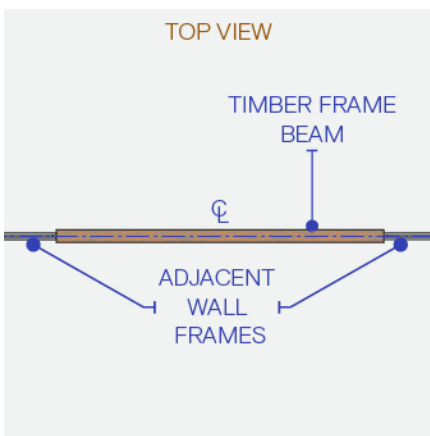
01. When hinging off a DIRTT post, install a **214035\_Screw Port Spline** in the screw port to provide additional structure for the mounting screws.



02. Slide Hinge Screw Spline into the **11989\_Stealth Menage V2** port.

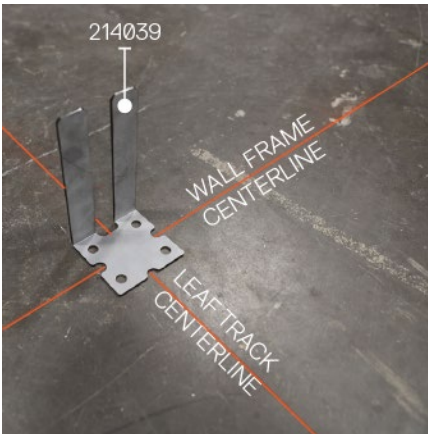


03. Mark the centerline of the adjacent wall frames and Leaf track with a laser leveler or chalk line.





04. Place the **214039\_Post Anchor Bracket** on the floor using the centerlines to center it on the floor and mark the holes for the bolts.



05. Using the bolts supplied “by others” (QTY 4), fasten the bracket to the floor.

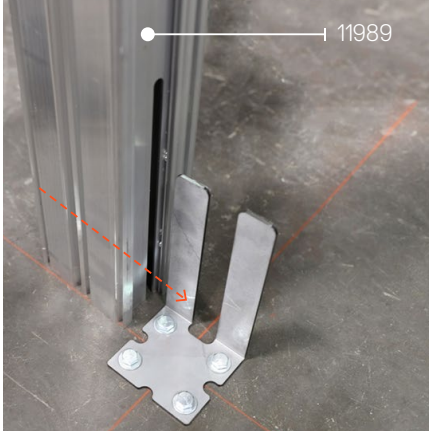
**IMPORTANT:** A local engineer will need to specify the bolts for the anchor bracket. This engineer determines the bolts required based on the structural support the bracket needs.



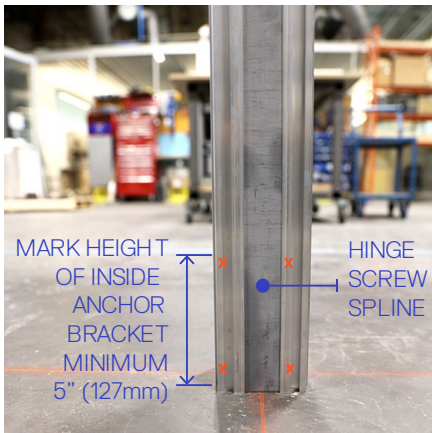


06. Once the bracket is fastened to the floor using the bottom milled-out slot (see assembly drawing 214040 and milling drawing 214042), slide the **11989\_Stealth Menage V2** post on top of the bracket, so it covers the bracket, and the bracket is flush inside the post.

**TECH TIP:** Installers may need to cut the milled-out slot if the post comes from factory without it and a lack of vertical clearance exists with a bulkhead on-site.



07. Mark the height of the bracket, inside the post, at a minimum of 5" (127mm). Mark the location of the screws below the 5" (127mm) marking.

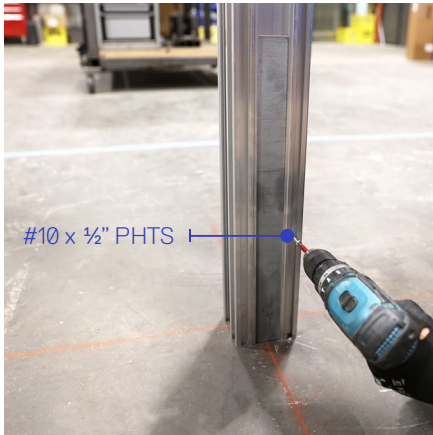






08. Fasten the bracket to the post with **#10 x 1 ½"** PHTS (QTY 4) for anchor bracket.

**TECH TIP:** For the 214037\_Skin Post Anchor Bracket, use **#10 x 1 ½"** PHTS (QTY 2).



09. Reassemble adjacent walls around the post.



## Install Track

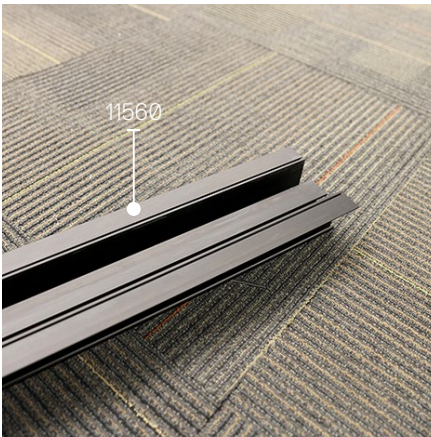
### PART REFERENCE—LEAF WALL TRACK

PART		QTY	NOTES
11560	Leaf Wall Track Extrusion	-	QTY depends on job
52474	Leaf Wall Track Splines	4	
17258	Leaf Wall Track Wipe	1	
STOCK	#10-24 x ¼" Cone Point Set Screws (CPSS)	6	
COM	¼"-20 x 1" Long Thru Bolt, Nut and Washer		<ul style="list-style-type: none"><li>• For steel beam only</li><li>• QTY depends on job</li></ul>
COM	#12 GRK 5 ⅝" Timber Screws		<ul style="list-style-type: none"><li>• For timber beam only</li><li>• QTY depends on job</li></ul>

**IMPORANT:** Before you install the track, consider these important details:

- If the track needs to be cut, it will be cut on the non-notched ends.
- If installation is for a double Leaf Wall, the notched ends of the track pieces must be on the ends of the track assembly for loading the frames.

01. Layout the **11560\_Leaf Wall Track Extrusions** (QTY depends on job) on floor in assembly order.

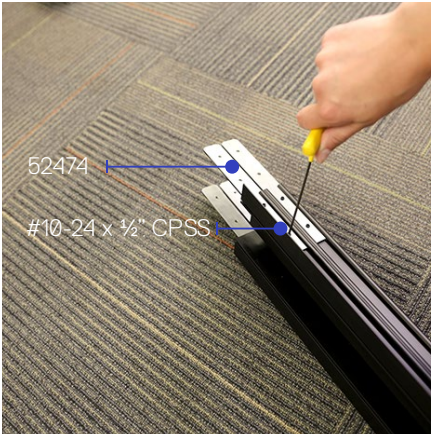




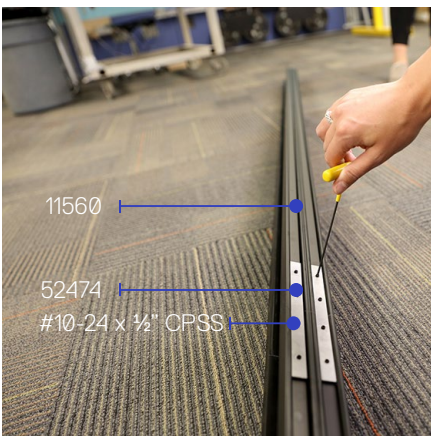
**TECH TIP:** Ensure the track's notched ends are on the ends to allow loading of frames on either end.



**02.** After attaching **52474\_Leaf Wall Track Splines** (QTY 4 per joint) into one track end, hand-tighten splines in track with **#10-24 x 1/4" CPSS** (QTY 2 per spline).

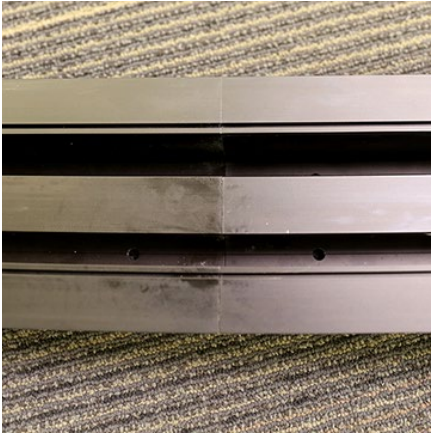


**03.** Slide the attached splines into the other track extrusion and hand-tighten with **#10-24 x 1/4" CPSS** (QTY 4 per spline).





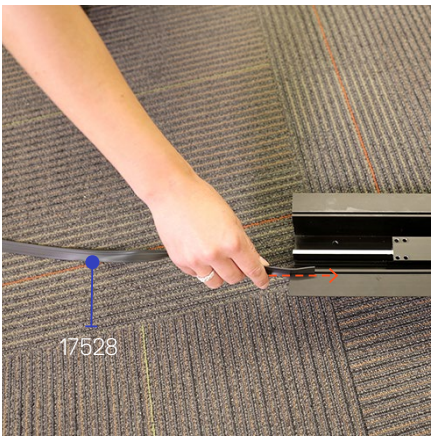
**TECH TIP:** Ensure track extrusions are secured together tightly.



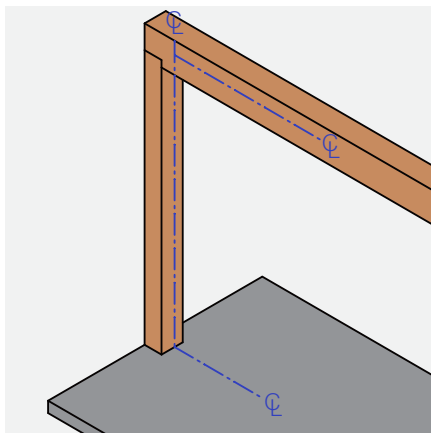
**TECH TIP: Rough-in option:** To check the fit of the track extrusions, lift attached tracks up into the horizontal notched area. If it is too long, disassemble the track and cut the tracks from the non-notched area.

**04.** Insert the **17258\_Leaf Wall Track Wipe** (from roll) by sliding the T-slot into the track until it is flush on the other end.

**IMPORTANT:** Leave 2" (51mm) excess on both ends. Once track and Leaf Modules are installed, the excess track wipe can be trimmed. Trimming the wipe ensures the PVC trim can settle in the track slot.



**05.** Mark the centerline of horizontal beam, vertical beams and floor with laser leveler to ensure all is centered.





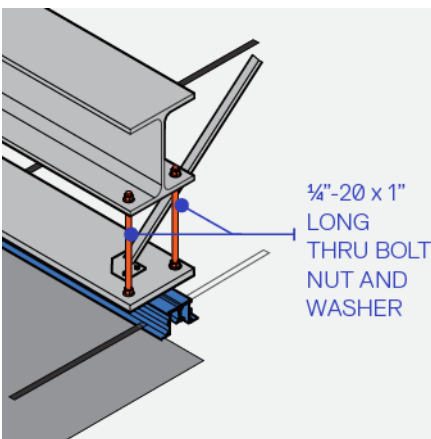
06. Lift connected track extrusions into the center of the horizontal beam notch.



07. **FOR TIMBER BEAM ONLY:** Using an extra 6" Drill Bit Extender and a Torx T25 bit to a drill, insert the track extrusion into the horizontal beam center notch and fasten the track to the beam using the **#12 GRK 5 5/8" Timber Screws** with washers (QTY depends on job).



08. **FOR STEEL BEAM ONLY:** Fasten **1/4"-20 x 1" Long Thru Bolt, Nut and Washer** (QTY depends on job) to the Steel Flat Bar.







## Install Base Sweep

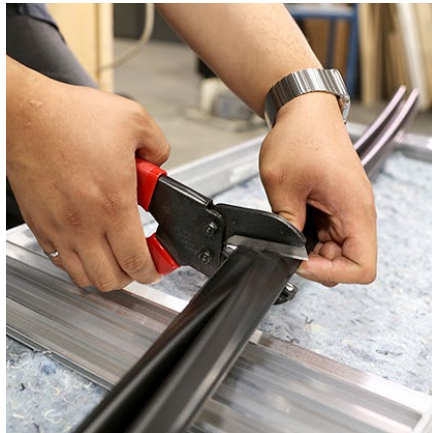
### PART REFERENCE—LEAF WALL TRACK

PART		QTY	NOTES
17700	Leaf Wall 1" Base Sweep—Black	1	
17900	Leaf Wall 1 ½" Base Sweep—Silver	1	<ul style="list-style-type: none"><li>• Also known as a tall sweep</li><li>• One sweep per frame</li></ul>
17901	Leaf Wall 1 ½" Base Sweep—Black	1	<ul style="list-style-type: none"><li>• Also known as a tall sweep</li><li>• One sweep per frame</li></ul>
18080	Leaf Wall 1" Base Sweep—Silver	1	

01. Measure the bottom of the Leaf Module and add  $\frac{9}{16}$ " (15mm) to the measurement.

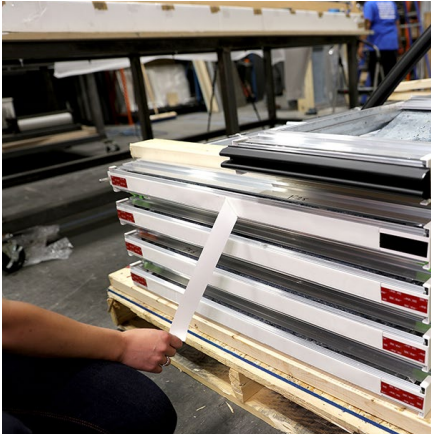


02. Measure the Leaf Module distance on the base sweep from roll and cut that length.





03. Peel the very high bond (VHB) tape off the bottom of the frame.



04. Clean base sweep.



05. After attaching the cut base sweep to the bottom of the Leaf Module frame, ensure the base sweep is centered on the Leaf Module and either side of the module has  $\frac{1}{4}$ " (7mm) clearance.



06. Repeat these steps for each Leaf module.



## Load Frames onto Track

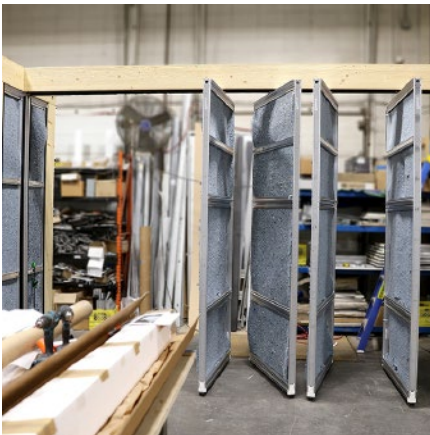
**IMPORTANT:** Refer to the sequence of frames labeled in the elevation drawing:

- The frames must be loaded using the notched ends of the track extrusion.
- The Docking Module must be the last module loaded on the docking end of the Leaf Wall.
- No roller assemblies are attached to the Half Module, so it will not be loaded onto the track.

**01.** While lifting the frame to the notched end of the track extrusion and keeping the **94810\_Leaf Wall Roller Assembly** in-line with the track, hook the rollers into the track.



**02.** Keeping the frame perpendicular, slide the frame along the length of the track away from the loading area to move it out of the way before installing the other Leaf modules.



**03.** Complete the previous two steps for all other Leaf modules, except the Half-module.

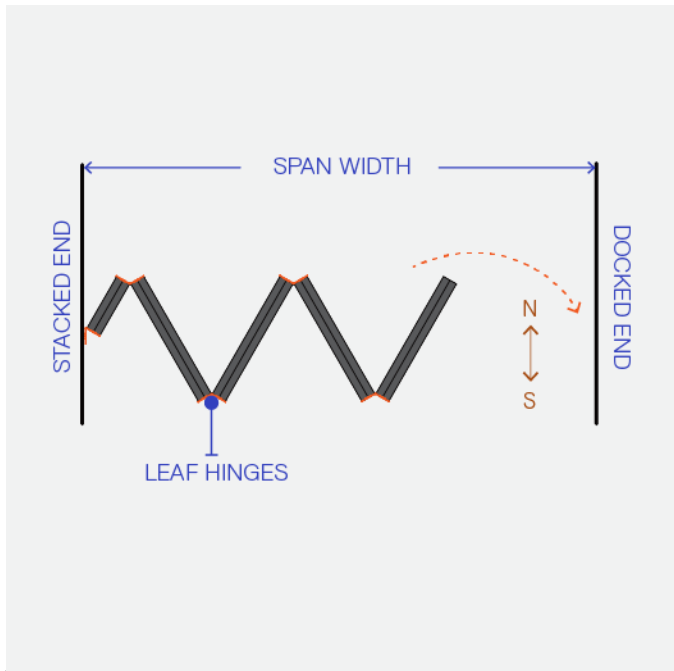


## Attach Leaf Hinges to Leaf Modules

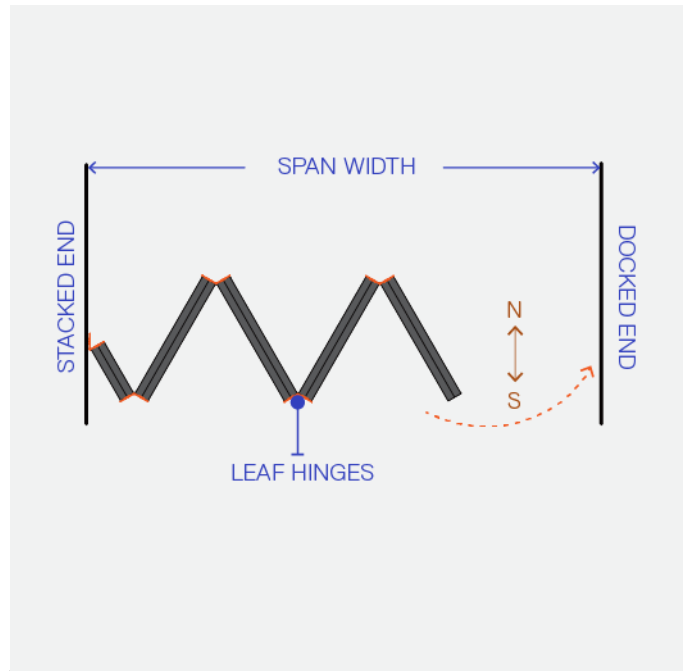
### PART REFERENCE—LEAF WALL TRACK

PART		QTY	NOTES
11547	Leaf Wall Vertical Hinge	1	
STOCK	#10-24 x 5/16" Flat Head Undercut Screw (FHUS)	-	QTY dependent on Leaf Hinge

**IMPORTANT:** Before attaching the Leaf hinges to the Leaf modules, consult the elevation drawing for how to accurately place them.

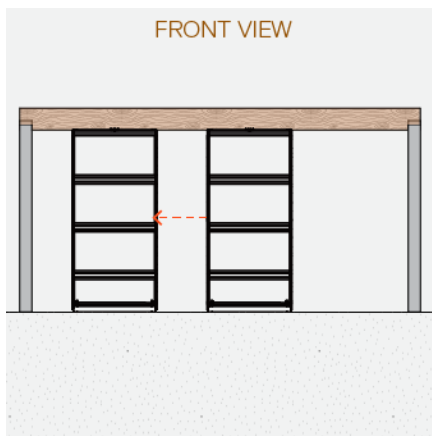


Leaf wall swinging from north to south—top view



Leaf wall swinging from south to north—top view

01. Push two Leaf Modules together on the track.







02. Lift the **11547\_Leaf Wall Vertical Hinge** to both Leaf Module verticals, ensuring holes are aligned with the hinge and the vertical spline.



03. Using the lowest torque setting on the drill, attach the Leaf Hinge with **#10-24 x 5/16"** FHUS (QTY depends on Leaf Hinge).

**TECH TIP:** Start on one end and attach only the top four, middle four and bottom four holes first. Make your way down the frames to attach Leaf Hinges on both sides only attaching the mentioned screws. This approach makes it easier to troubleshoot any problems when Leaf Wall is being tested in the following steps.







04. After testing the flow of the Leaf Modules by opening and closing them and noticing any panels that might make noise or are not functioning properly, adjust hinges accordingly.



## Attach Lead Hinge to Post

### PART REFERENCE—LEAD HINGE

PART		QTY	NOTES
214041	Leaf Hinge Locator	1	
STOCK	#10 x 1 ½" Flat Head Undercut Screw (FHUS)	-	QTY depends on Leaf Hinge

01. Move the Leaf module closest to the hinged side against the post and mark the top and bottom of the hinge.





02. Place the hinge against the post and, using the **214041\_Leaf Hinge Locator** (i.e., hinge jig), align the top of the hinge to the post and the bottom with the marked bottom.

**NOTE:** Ensure the hinge is facing out the correct way for the Half-module to attach to.



03. Attach the Leaf Wall Vertical Hinge to the post using **#10 x 1 1/2" FHUS** (QTY per hinge).

**TECH TIP:** For the top and bottom, use a pilot drill with high-speed steel (HSS) bit for faster installation.





## Attach Half-Module to Hinges

01. Lift the Half Module up to the hinge on the Leaf Module and fasten the hinge using **#10-24 x 5/16"** FHUS.



02. Attach the other end of the Half Module to the hinge on the post or wall.





03. Open and close the Leaf Wall to test the hinges and Leaf Modules are working properly.



## Install Flush Bolt

01. Close the Leaf Wall so it is almost fully extended.





02. After placing painters' tape on floor where **14094\_CRL Dustproof Keeper** will be and closing the Leaf Wall completely, push flush bolt down to mark the area on the tape where it will need to be drilled.



03. At the marked spot on the painter's tape and using a 1" drill bit, carefully drill a 1" (25mm) by 2 ½" (64mm) deep hole in the floor.

04. On the Docking Module, push down on the flush bolt assembly to check length.

**TECH TIP:** The flush bolt should extend approximately ½"–¾" (12–19mm) past the base track. Also check that the flush bolt does not drag on the ground when unfolding and folding the Leaf Wall. If the Flush Bolt is too long, loosen the threaded rod ¼-20 Locking Nut, unthread the rod and pin assembly and cut to size. Thread the trimmed rod back into the Flush Bolt Assembly, secure with locking nut.





05. After applying silicone the keep the dustkeeper in place, test the flush bolt works properly in the dustproof keeper and lowers a minimum  $\frac{3}{8}$ " (10mm) inside the dustkeeper.







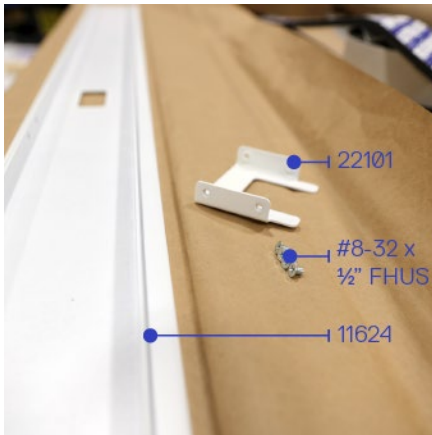
## Installing Docking Assembly

### SINGLE LEAF WALL OR DYNAMIC END

#### PART REFERENCE—LEAF WALL TRACK

PART		QTY	NOTES
223075	Leaf Wall End Linkage Lock-Off Assembly		
222101	Leaf Wall Flush Bolt Lock-Off	1	
11624	Leaf Wall End Linkage Faceplate		
STOCK	#8-32 x ½" Flat Head Undercut Screw (FHUS)	-	QTY 24 per dynamic linkage
STOCK	#8-32 x 1" Flat Head Machine Screws (FHMS)	12	
223083	Leaf Wall End Linkage LH and RH Fins Assembly	2	
STOCK	#8-32 x 5/16" FHUS	2	
STOCK	#8-5/8" FHUS	1	

01. Place the 222101\_Leaf Wall Flush Bolt Lock-Off in the 11624\_Leaf Wall End Linkage Faceplate with the feet of the bracket facing downwards.





02. Fasten pieces together using #8-32 x ½" FHUS (QTY 4).



03. Remove the zip ties on the linkage hinges and rest the linkage hinges against the linkage assembly.

04. Lifting the flush bolt first and then the linkage lock-off assembly, hook them onto the ears of the flush bolt.



05. Fasten the linkage lock-off assembly to the Leaf Wall Linkage Upper Hinge Assembly (QTY 2) and Leaf Wall Linkage Lower Hinge Assembly using #8-32 x 1" Flat Head Machine Screws (FHMS) (QTY 12).

**IMPORTANT:** Fasten only the top and bottom holes on both sides.





06. After lifting one of the **223083\_Leaf Wall End Linkage LH and RH Fins Assembly** beside the linkage assembly, fasten the top and middle hinge with **#8-32 x 5/16" FHUS** (QTY 2) and the bottom hinge with **#8-5/8" FHUS**.



07. Repeat the previous step to attach the other fin assembly.



08. Ensure linkage assembly and fins are securely attached but pushing flush bolt down and pulling Docking Module out.





## Finish Installation

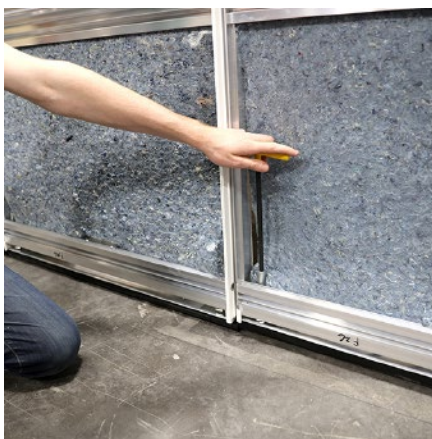
### PART REFERENCE—LEAF WALL TRACK

PART		QTY	NOTES
17700	Leaf Wall 1" Base Sweep—Black		QTY 1 per frame
17900	Leaf Wall 1 ½" Base Sweep—Silver		<ul style="list-style-type: none"><li>Also known as a tall sweep</li><li>QTY 1 per frame</li></ul>
17901	Leaf Wall 1 ½" Base Sweep—Black		<ul style="list-style-type: none"><li>Also known as a tall sweep</li><li>QTY 1 per frame</li></ul>
18080	Leaf Wall 1" Base Sweep—Silver		QTY 1 per frame
16833/ 16832	Flex Base Trim (Santoprene)—Black/Silver	1	
STOCK	Standard Floor Tape	-	<ul style="list-style-type: none"><li>DIRTT provided</li><li>QTY 2 strips per frame</li></ul>
18019	Leaf Sound Stopper	-2	QTY 2 per frame, except the modules on the end, which receive QTY 1.

### LEVEL FRAMES

01. With the Leaf Wall pulled out completely, level all the frames so that the **base sweep** is touching the floor and depresses to ½" (12mm) (or 1" (25mm) for the tall sweep) down onto the floor.

**TECH TIP:** Level the frames one at a time.



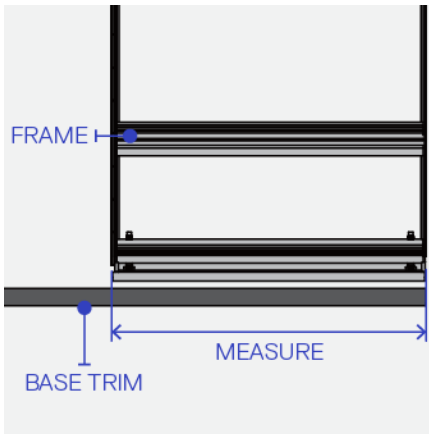


## INSTALL BASE TRIM TO LEAF MODULES

### PART REFERENCE—LEAF WALL TRACK

PART		QTY	NOTES
16832	Flex Base Trim (Santoprene)—Silver		
16832	Flex Base Trim (Santoprene)—Black		
STOCK	Foam Tape		DIRTT provided

01. Measure the **base trim** to the width of each frame and cut to the same length.



02. Fill the gap between the bottom of the hinge and the top of the base sweep using DIRTT-provided **foam tape**.







03. After snapping the base trim onto the bottom of both sides of each frame, ensure the trim is tucked into the bottom bracket on the Leaf Module.







## INSTALL WALL PANELS

01. Install the wall panels following the elevation drawings.

**TECH TIP:** To install the panels on the Docking Module, ensure the linkage module is pulled out and away from the frame.



## INSTALL SOUND STOPPER

01. Insert the **18019\_Leaf Sound Stopper** into the top of the Leaf modules to fill the gap above the hinges and increase sound insulation when Leaf Wall is docked.

**TECH TIP:** The very start and end Leaf Modules **do not** receive a sound stopper.





## LEAF WALL USE

Check out the video on [How to Open and Close the Leaf Wall](#) or refer to the [Leaf Folding Wall User Guide](#).



Folded Leaf Wall



Partially Unfolded Leaf Wall



Unfolded (Docked) Leaf Wall



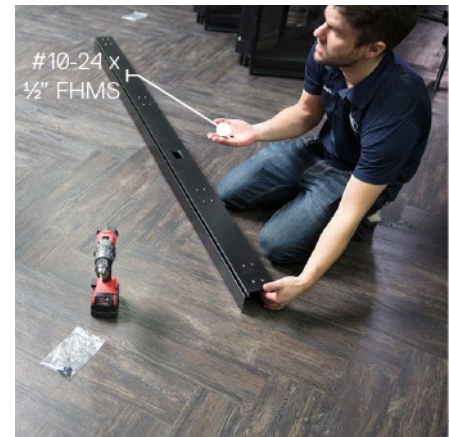
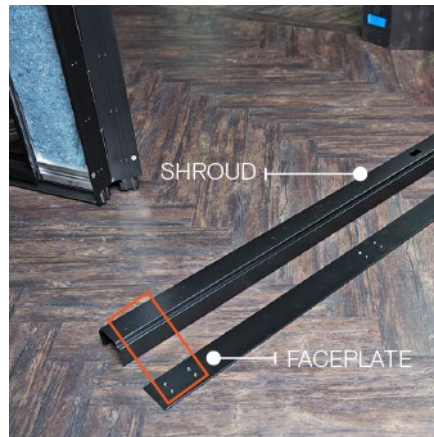
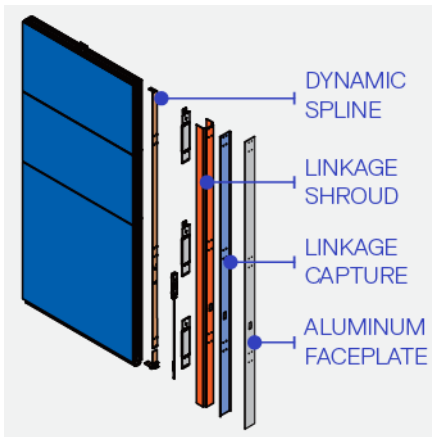
## APPENDIX A—OBSOLETE DOUBLE LEAF WALLS

**IMPORTANT:** These steps are for servicing double Leaf Walls ordered and installed before 2019. That version of the wall is no longer available to order, so these steps are for technicians called to address issues with this obsolete version of the Leaf Folding Wall.

### Assembly Steps

**01. DYNAMIC SIDE:** After placing the **Aluminum Faceplate** and **Linkage Shroud** together by aligning the hole patterns, fasten them together with **#10-24 x 1/2" Machine Screws** (QTY 4) on the bottom four holes.

**TECH TIP:** The faceplate has PEM nut holes that are ridged to fit with the shroud holes.



To

**02.** To test the dynamic hinges have a full range of motion, lift **Linkage Assembly** to the Docking End of the Leaf Modules and rest the assembly on floor, ensuring the bottom of assembly is on the floor.

**TECH TIP:** The **Flush Bolt Lock-off Tabs** in the Linkage Assembly must have the hooks **facing downwards** for engaging later in the steps.

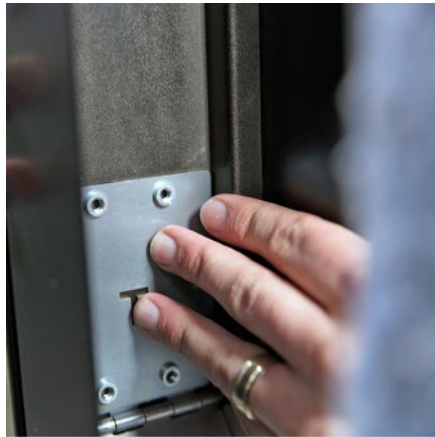




03. Remove tape off **Linkage Hinges** and rest the hinges against the **Linkage Assembly**.



04. After aligning bottom **Linkage Hinge** to holes in **Linkage Assembly**, fasten the docking end to the bottom **Linkage Hinge** with **#10-24 x 1/2" Flat Head Undercut Machine Screws (FHUMS)** (QTY 4).



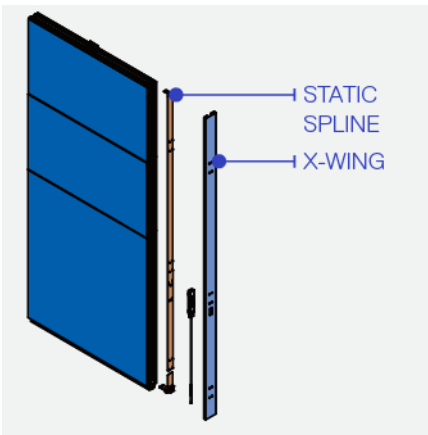




05. Align the middle and top **Linkage Hinges** with the **Linkage Assembly** holes and fasten with **# 10-24 x 1/2" FHUMS** (QTY 4) per hinge.



06. **STATIC SIDE:** Fasten the **11375\_ Enzo X-Rex Vertical** to the end of the Leaf Module on the other Leaf Modules.





## REVISION REFERENCE

VERSION	INITIAL	DESCRIPTION	DATE
1.0	MS	<ul style="list-style-type: none"><li>Moved content to template with current branding.</li><li>Merged Leaf Flush Bolt retrofit document into this guide.</li></ul>	2024-05-06