



## S SERIES INSTALLATION MANUAL





## THE S SERIES

The "S" Series really delivers by combining a multi-part post with unbeatable rigidity. Available with either high base 7" or low base with detachable base shelf and our ingenious locking assembly. As a result, it costs a lot less for you to change your aisle layouts. The backs are made of solid or perforated masonite and are available in the most popular colours. From dollar stores to supermarkets, it's an excellent choice. The best store shelves systems for your business.

## TECHNICAL SPECIFICATIONS

**Post height: 48"- 96" (In increments of 6")**

**Base shelf: 10"- 30" deep (In increments of 2")**

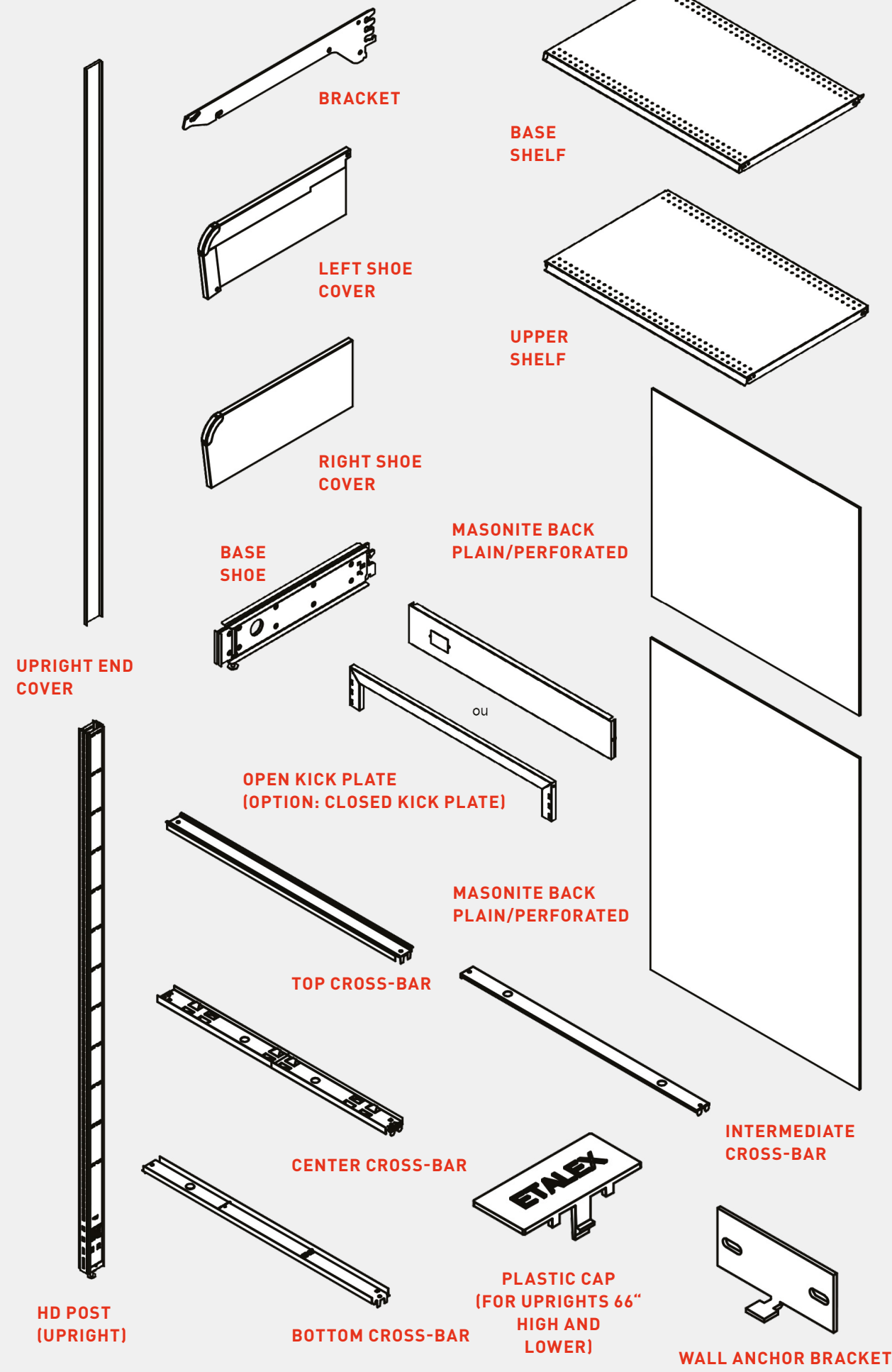
**Width: 24"- 48" (In increments of 6")**

**Base shelf height: (2 possible heights):**  
 - 5 3/4" H. «Low base»  
 (from floor to the top of the low base shelf)  
 - 7 1/4" H. «High base»  
 (from floor to the top of the low base shelf)

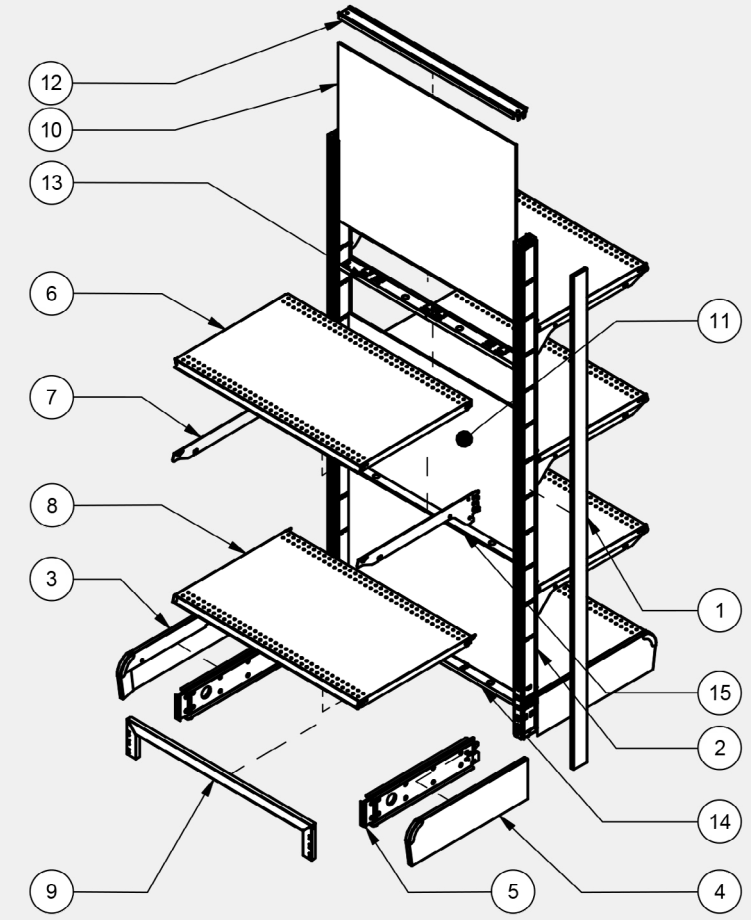
**Rear back options: Masonite (plain or Perforated),  
 wire mesh & Slatwall**

ETALEX

**COMPONENTS**

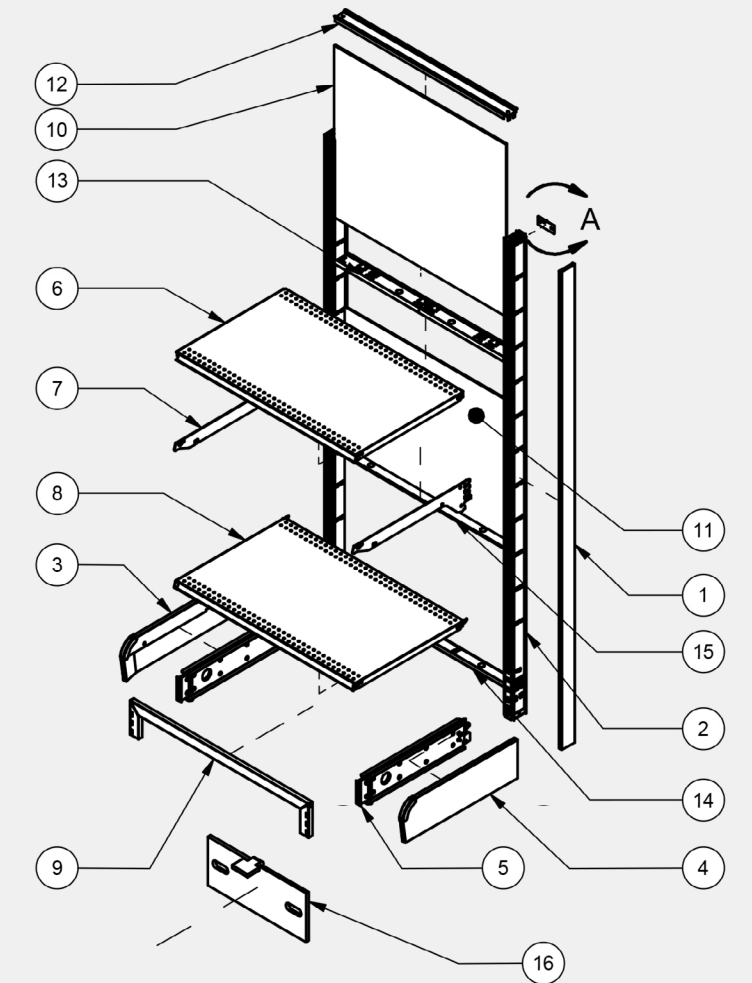


**EXPLODED VIEW**



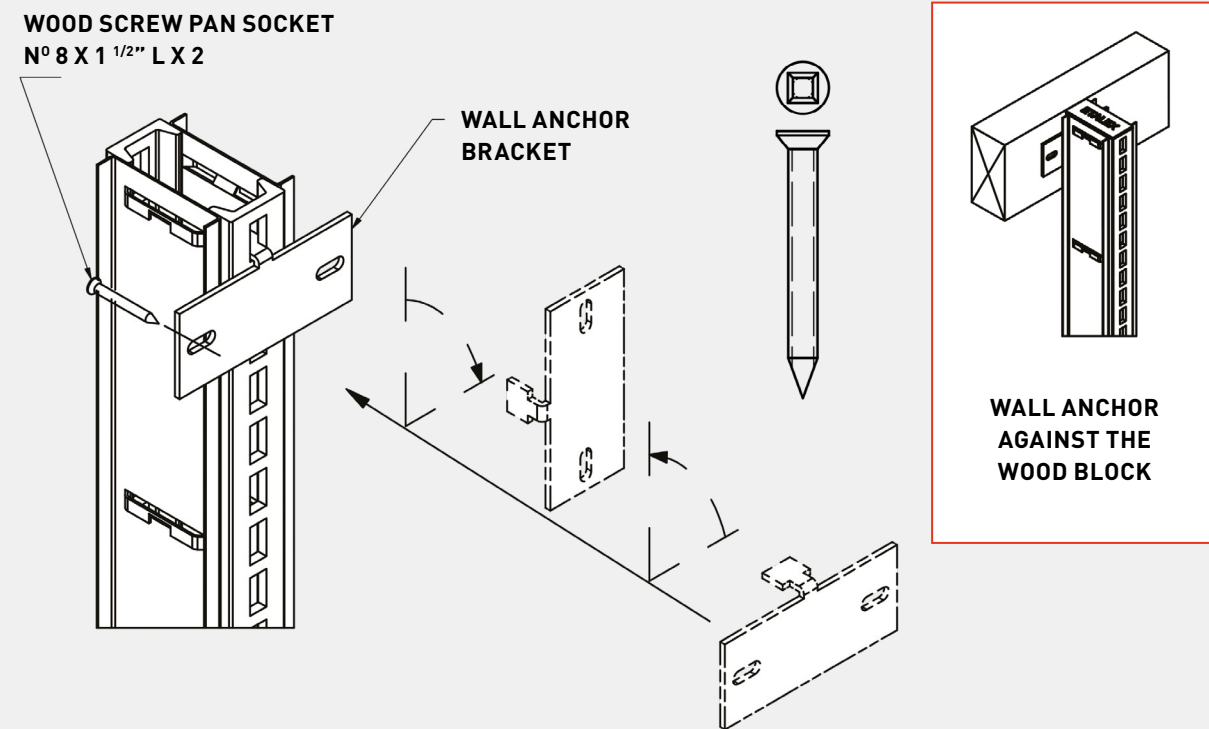
GONDOLA		
PART LIST		
ITEM	QTY	DESCRIPTION
1	2	UPRIGHT END COVER
2	2	HD POST (UPRIGHT)
3	1	LEFT SHOE COVER
4	1	RIGHT SHOE COVER
5	2	BASE SHOE
6	3	UPPER SHELF
7	6	BRACKET
8	1	BASE SHELF
9	1	OPEN KICK PLATE
10	1	MASONITE BACK PLAIN/PERFORATED
11	1	MASONITE BACK PLAIN/PERFORATED
12	1	TOP CROSS-BAR
13	1	CENTER CROSS-BAR
14	1	BOTTOM CROSS-BAR
15	1	INTERMEDIATE CROSS-BAR

WALL UNIT		
PART LIST		
ITEM	QTY	DESCRIPTION
1	2	UPRIGHT END COVER
2	2	HD POST (UPRIGHT)
3	2	LEFT SHOE COVER
4	2	RIGHT SHOE COVER
5	4	BASE SHOE
6	6	UPPER SHELF
7	12	BRACKET
8	2	BASE SHELF
9	1	OPEN KICK PLATE
10	2	MASONITE BACK PLAIN/PERFORATED
11	2	MASONITE BACK PLAIN/PERFORATED
12	1	TOP CROSS-BAR
13	1	CENTER CROSS-BAR
14	1	BOTTOM CROSS-BAR
15	1	INTERMEDIATE CROSS-BAR
16	2	WALL ANCHOR BRAQUET

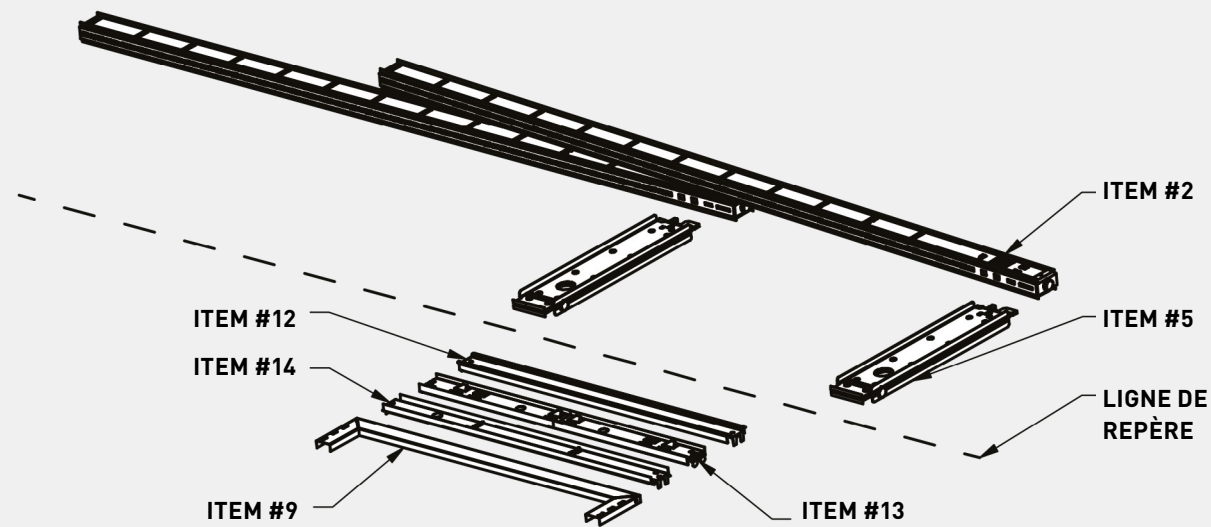


**WALL ANCHORING**

INSTALL THE WALL ANCHOR BRACKET AT THE TOP OF EACH POST. INSERT THE TOOTH OF THE ANCHOR IN THE FIRST SLOT FROM THE BACK BY TURNING IN THE POSITION AND SECURE IT WITH THE WOOD SCREW N° 8 X 1 1/2" L.

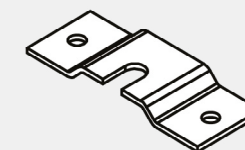


TRACE A CHALK LINE ON THE FLOOR FOR DESIRED LOCATION OF GONDOLA AND LAY DOWN THE FEET (ITEM#3), POSTS (UPRIGHT) (ITEM#2), OPEN KICK PLATE (ITEM#9) AND THE CROSS-BARS (ITEM#12-13-14) ALONG THE CHALK LINE.

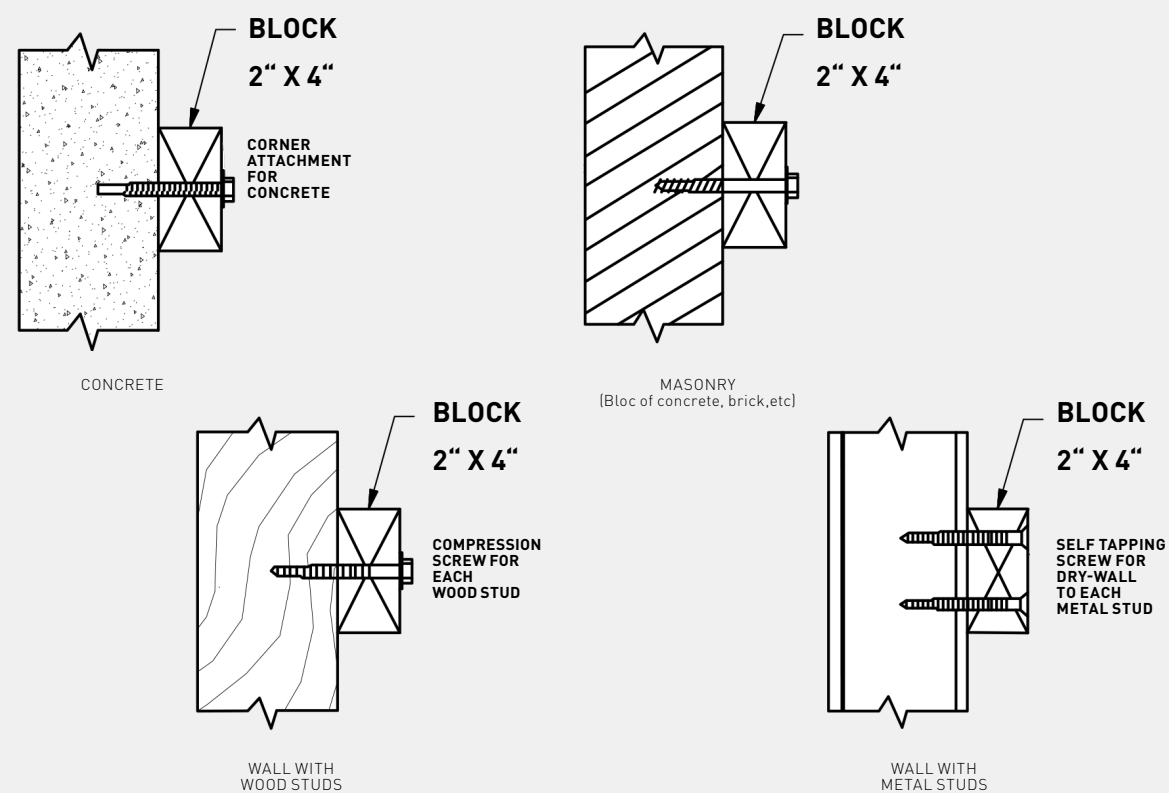


ADJUST THE BASE FOOT LEVELING SCREW AT 3/4" AND THE POST LEVELING SCREW AT 1/2".

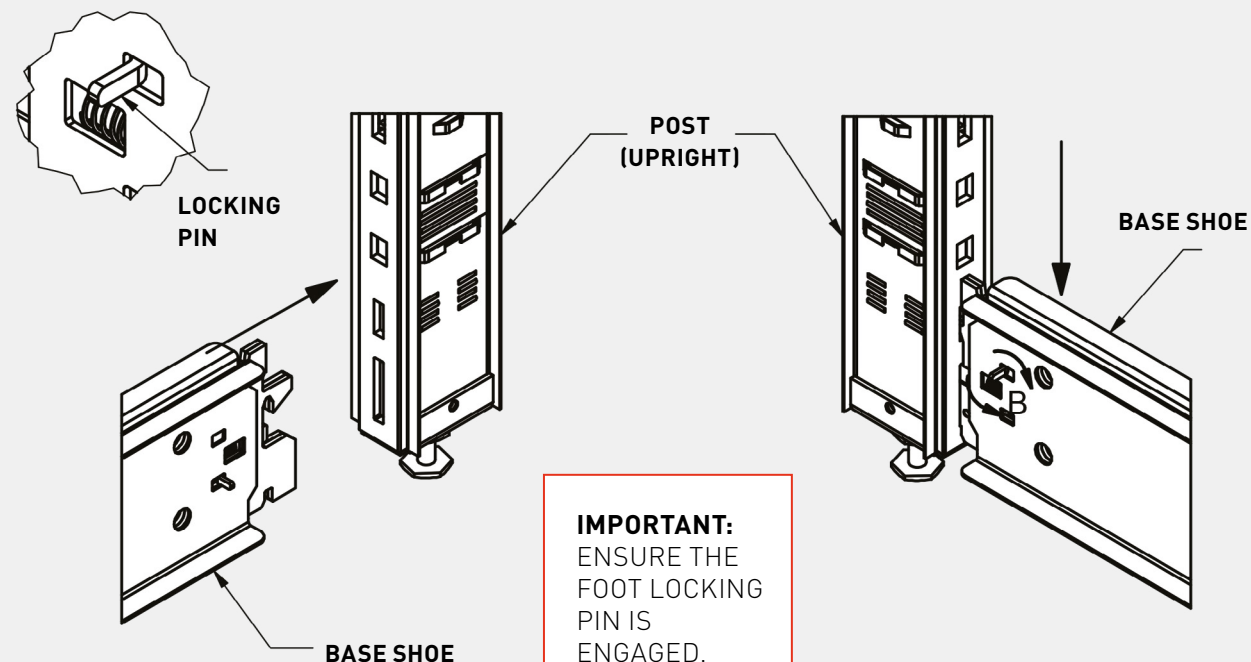
**NOTE:** ENGINEERING MAY SUGGEST THE USE OF THE ANCHOR FOOT BRACKETS SECURED TO THE FLOOR WITH ANCHORS BOLTS (1/4" X 2 1/4") L FOR EACH POST AND/OR FOOT LEVELER.



**METHODS TO FIX THE BLOCK TO THE WALL STUDS**



INSTALL THE BASE SHOE AT THE BOTTOM OF THE POST (UPRIGHT). INSERT THE TEETH INTO THE SLOTS AND APPLY PRESSURE BY PUSHING DOWN THE BASE SHOE UNTIL THE LOCKING PIN IS ENGAGED.

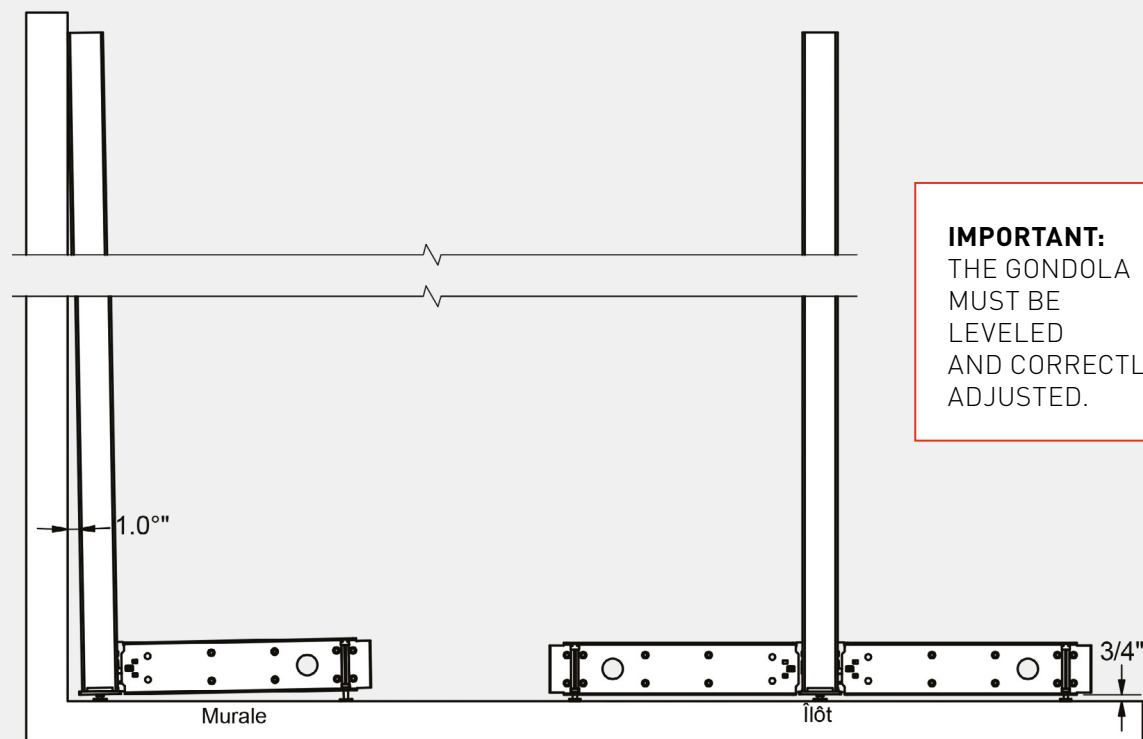


**IMPORTANT:** ENSURE THE FOOT LOCKING PIN IS ENGAGED.



**ASSEMBLY**

LEVEL THE UNIT VERTICALLY, BY ADJUSTING THE LEVELERS IN THE FRONT OF THE FOOT AND ON THE POST (UPRIGHT) TO ENSURE THE STRUCTURES ARE LEVELED AND PLUMB.

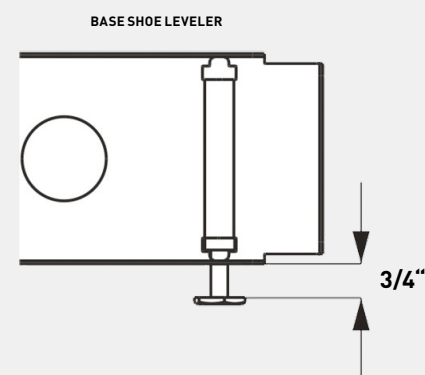


**IMPORTANT:**  
THE GONDOLA  
MUST BE  
LEVELED  
AND CORRECTLY  
ADJUSTED.

**STANDING POSITION**

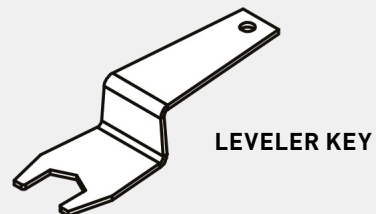
**GONDOLA:**

ADJUST THE BASE SHOE LEVELLING SCREW AT 3/4" (BOTH SHOES). LEVELER ON THE UPRIGHT DOES NOT TOUCH THE FLOOR. THE UPRIGHT (POST) MUST BE AT 90° ANGLE WITH THE FLOOR.

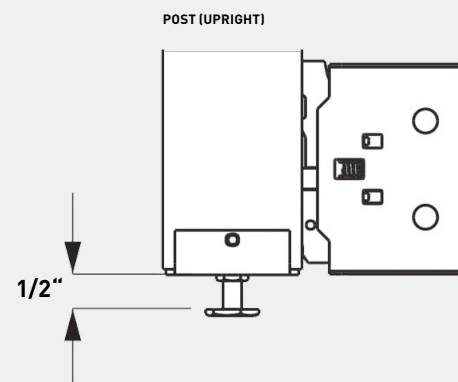


**WALL UNIT:**

ADJUST THE BASE FOOT LEVELING SCREW AT 3/4" AND LOWER THE UPRIGHT POST 1/2".



**NOTE:**  
INSTALL THE  
WALLS AT AN  
ANGLE OF  
OF 1° TOWARDS  
THE BACK  
(VERTICAL).

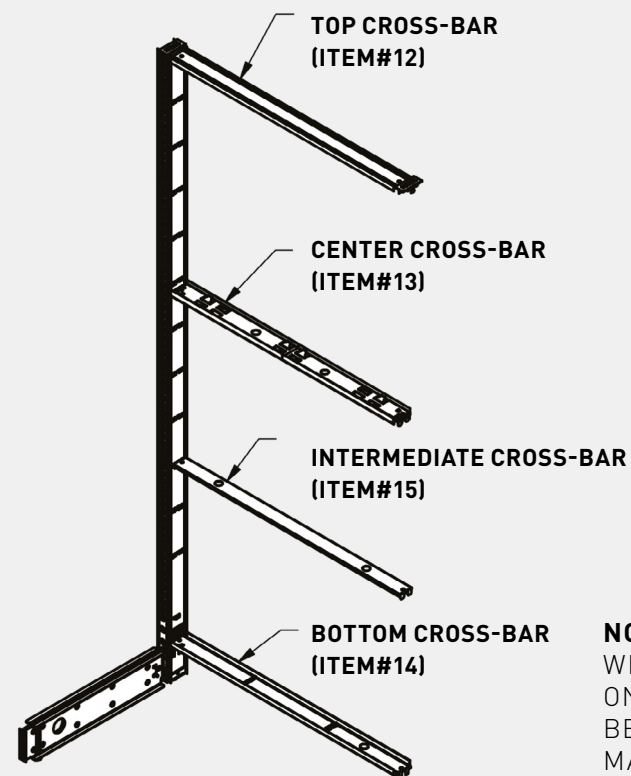


**INSTALL THE CROSS-BARS AND THE MASONITE BACKS:**

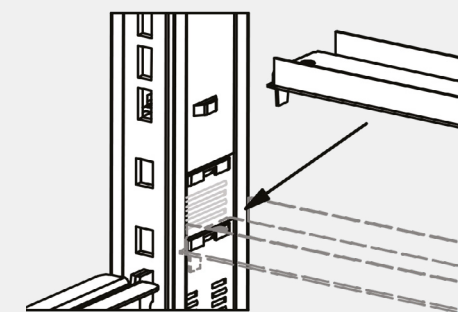
**ASSEMBLY**

- 1- INSERT THE TEETH OF THE BOTTOM CROSS-BAR INTO THE LOWER POSITION OF THE UPRIGHT SLOTS.
- 2- SLIDE IN THE MASONITE BACK 47 5/8" H AND INSTALL THE INTERMEDIATE CROSS-BAR IN THE MIDDLE REAR OF THE BACK.
- 3- INSTALL THE CENTER CROSS-BAR BEFORE SLIDING THE LAST MASONITE BACK 29 7/8" H IN PLACE AND INSTALL THE TOP CROSS-BAR.

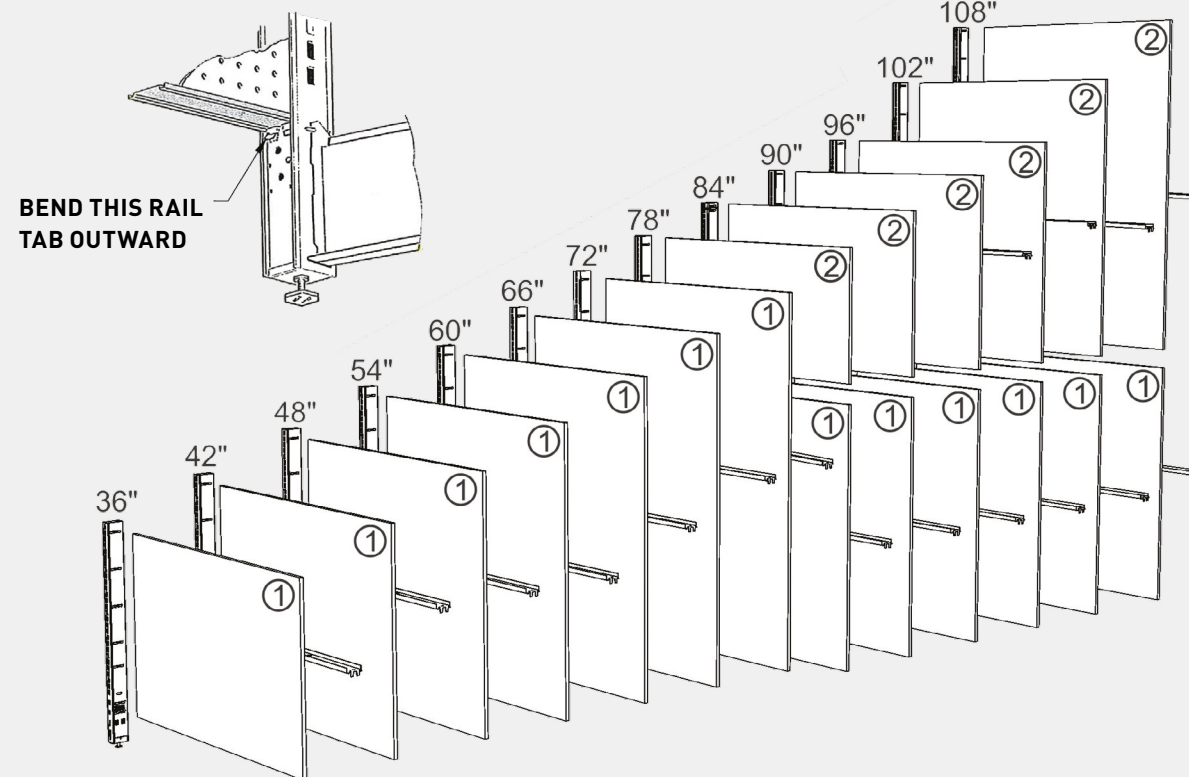
**\*SEE THE GRID OF THE MASONITE CHART**



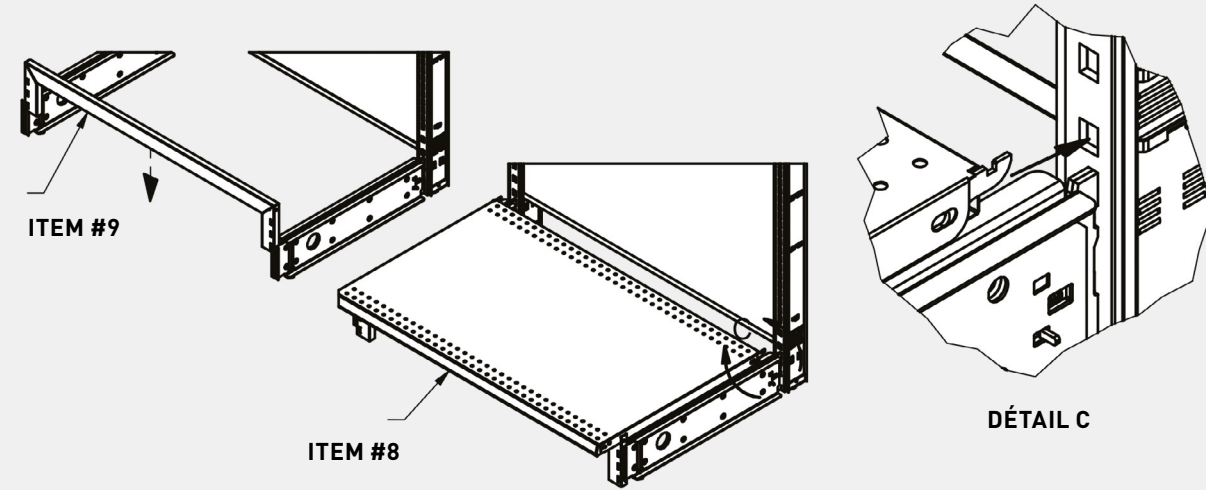
**NOTE:**  
SLIDE MASONITE BACKS IN  
PLACE SLOWLY. DO NOT  
DROP!



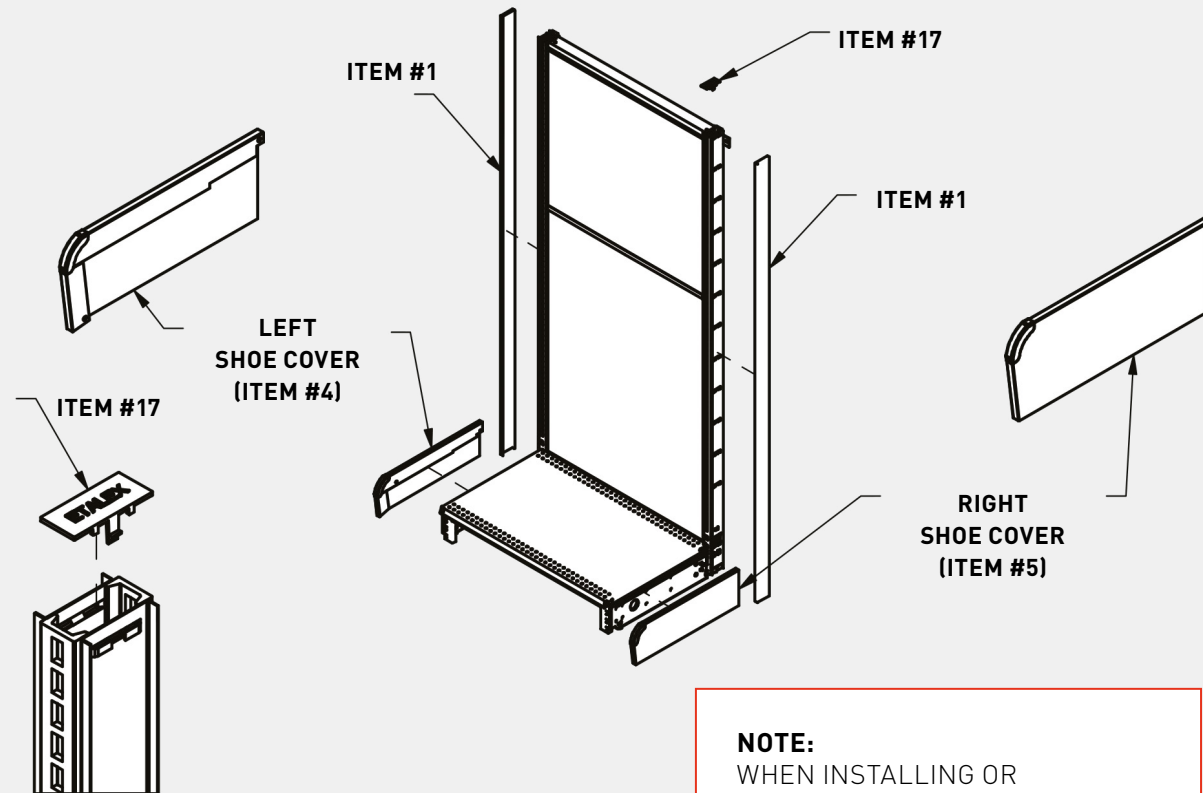
**NOTE:**  
WHEN MASONITE BACKS ARE ONLY USED  
ON ONE SIDE OF THE WALL SECTION,  
BEND RAIL TAB ON OPPOSITE SIDE OF THE  
MASONITE BACK.



INSERT THE OPEN KICK PLATE (ITEM#9) ON THE FRONT EDGE OF THE BASE SHOES, AND INSTALL THE BASE SHELF (ITEM#8) BY INSERTING THE TABS INTO THE BOTTOM SLOTS OF THE POST (UPRIGHT) TO STABILIZE THE STRUCTURE.



ENSURE THE UNIT IS LEVELED AND PLUMB AGAIN. INSTALL THE UPRIGHT END COVER (ITEM#1) ON BOTH EXTREMITIES, SLIDE THE SHOE COVERS (ITEM#4-5) ON TO THE BASE SHOES AND INSERT THE PLASTIC CAP (ITEM#17) ON THE TOP OF EACH POST (UPRIGHT) (SEE NOTE BELOW). INSTALL THE BRACKETS AND UPPER SHELVES (ITEM#6) AT THE DESIRED HEIGHT.



**NOTE:**  
THE PLASTIC CAP IS ONLY FOR THE POST 66" HIGH AND LOWER.

**NOTE:**  
WHEN INSTALLING OR RELOCATING AN UPPER SHELF, ONCE IT IS SET IN PLACE AT THE PROPER HEIGHT, GENTLY TAP ON THE TOP REAR PORTION OF THE SHELF TO ENSURE THE BRACKETS ARE SECURED IN PLACE.

GRID OF THE MASONITE CHART

UPRIGHT HEIGHT	LENGTH NOMINAL	FIRST MASONITE HEIGHT	SECOND MASONITE HEIGHT	CENTRAL CROSS BAR QUANTITY	INTERMEDIATE CROSS BAR QUANTITY
32"	24"	29 <sup>5</sup> / <sub>8</sub> "	-	-	1
	36"	29 <sup>5</sup> / <sub>8</sub> "	-	-	1
36"	24"	29 <sup>5</sup> / <sub>8</sub> "	-	-	1
	30"	29 <sup>5</sup> / <sub>8</sub> "	-	-	1
	36"	29 <sup>5</sup> / <sub>8</sub> "	-	-	1
	42"	29 <sup>5</sup> / <sub>8</sub> "	-	-	1
42"	24"	35 <sup>5</sup> / <sub>8</sub> "	-	-	1
	36"	35 <sup>5</sup> / <sub>8</sub> "	-	-	1
	48"	35 <sup>5</sup> / <sub>8</sub> "	-	-	1
48"	24"	41 <sup>5</sup> / <sub>8</sub> "	-	-	1
	30"	41 <sup>5</sup> / <sub>8</sub> "	-	-	1
	36"	41 <sup>5</sup> / <sub>8</sub> "	-	-	1
	42"	41 <sup>5</sup> / <sub>8</sub> "	-	-	1
54"	24"	47 <sup>5</sup> / <sub>8</sub> "	-	-	1
	30"	47 <sup>5</sup> / <sub>8</sub> "	-	-	1
	36"	47 <sup>5</sup> / <sub>8</sub> "	-	-	1
	42"	47 <sup>5</sup> / <sub>8</sub> "	-	-	1
60"	24"	53 <sup>5</sup> / <sub>8</sub> "	-	-	1
	30"	53 <sup>5</sup> / <sub>8</sub> "	-	-	1
	36"	53 <sup>5</sup> / <sub>8</sub> "	-	-	1
	42"	53 <sup>5</sup> / <sub>8</sub> "	-	-	1
66"	24"	59 <sup>5</sup> / <sub>8</sub> "	-	-	1
	30"	59 <sup>5</sup> / <sub>8</sub> "	-	-	1
	36"	59 <sup>5</sup> / <sub>8</sub> "	-	-	1
	48"	59 <sup>5</sup> / <sub>8</sub> "	-	-	1
72"	24"	65 <sup>5</sup> / <sub>8</sub> "	-	-	1
	30"	65 <sup>5</sup> / <sub>8</sub> "	-	-	1
	36"	65 <sup>5</sup> / <sub>8</sub> "	-	-	1
	42"	65 <sup>5</sup> / <sub>8</sub> "	-	-	1
78"	20"	23 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	1
	24"	23 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	1
	36"	23 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	1
	42"	23 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	1
84"	24"	29 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	1
	30"	29 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	1
	36"	29 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	1
	42"	29 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	1
90"	24"	29 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	2
	30"	35 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	2
	36"	35 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	2
	42"	35 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	2
96"	24"	41 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	2
	30"	41 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	2
	36"	41 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	2
	42"	41 <sup>7</sup> / <sub>8</sub> "	47 <sup>5</sup> / <sub>8</sub> "	1	2
108"	24"	47 <sup>5</sup> / <sub>8</sub> "	53 <sup>7</sup> / <sub>8</sub> "	1	2
	36"	47 <sup>5</sup> / <sub>8</sub> "	53 <sup>7</sup> / <sub>8</sub> "	1	2
	48"	47 <sup>5</sup> / <sub>8</sub> "	53 <sup>7</sup> / <sub>8</sub> "	1	2
	24"	47 <sup>5</sup> / <sub>8</sub> "	65 <sup>7</sup> / <sub>8</sub> "	1	3
120"	36"	47 <sup>5</sup> / <sub>8</sub> "	65 <sup>7</sup> / <sub>8</sub> "	1	3
	48"	47 <sup>5</sup> / <sub>8</sub> "	65 <sup>7</sup> / <sub>8</sub> "	1	3



**FOR YOUR SAFETY:**

Install all shelving according to installation instructions.

Assembly or movement of any parts should only be carried out by trained personnel who have read and understand these instructions and warnings.

Do not use shelving parts or accessories for any purposes other than originally intended.

Do not combine Etalex products with non Etalex products.

Local codes and regulations concerning building, fire, sanitation, or seismic requirements may apply to some installations.

It is the responsibility of the buyer of the fixtures to make sure that they are installed in compliance with any applicable codes and/or regulations.

Do not install damaged parts.

Never alter, modify or otherwise structurally change the shelving or any of its components.

Do not expose any sharp or pointed edges to customers and employees.

Never install shelves or accessories onto the side of an upright that has no base foot to support it.

Be sure all shelving parts or accessories are completely seated in appropriate slotting.

Do not permit climbing or standing on shelving at any time... including the base shelf.

No shelves or accessories should project past the front of the base shelf.

Do not move an assembled unit, especially if merchandised.

Do not lean heavy items against the shelves.

Provide safe access to all merchandised items in accordance with applicable **osha, wcb, csst** regulations.

**FOR TECHNICAL ASSISTANCE, CALL ETALEX DIRECT AT 1 - 800 - 351 - 3125.**

Shelf capacity of a wall unit S Series												
Maximum load per shelf (lb)	370	370	370	435	435	500	500	500	500	500	550	
Depth of the shelf (po)	10	12	14	16	18	20	22	24	26	28	30	
Total capacity per wall section (lb)	2385	2067	1824	1632	1476	1348	1240	1148	1069	1000	939	
Number of shelves per section	Shelf Capacity vs number and depth of shelves (lb)											
Base + 1 shelf	1	370	370	370	435	435	500	500	500	500	550	
Base + 2 shelves	2	370	370	370	435	435	500	500	500	500	470	
Base + 3 shelves	3	370	370	370	435	435	449	413	383	356	313	
Base + 4 shelves	4	370	370	370	408	369	337	310	287	267	235	
Base + 5 shelves	5	370	370	365	326	295	270	248	230	214	188	

**CAPACITY AND UNBALANCED LOAD CALCULATION**

WHEN HEAVILY LOADING ONE SIDE OF YOUR WALL OR ISLAND SHELVING UNIT, IT IS IMPORTANT TO DETERMINE IF YOU CREATE AN UNBALANCED LOAD THAT EXCEEDS THE MAXIMUM ALLOWABLE. IN THE EXAMPLE BELOW, WE ILLUSTRATE HOW YOU CAN CALCULATE YOUR UNBALANCED LOAD IN INCH-POUND.

THE EXAMPLE BELOW SHOWS HOW YOU CAN CALCULATE UNBALANCED LOAD IN POUNDS-INCH.

TO CALCULATE THE UNBALANCED LOAD ON THE CENTER UPRIGHT, YOU NEED TO DETERMINE HALF THE DEPTH OF THE SHELF PLUS 1.5 INCHES MULTIPLIED BY HALF THE LOAD ON THE SHELF.

**Island Gondola:**  
Shelf depth is divided by 2 because an evenly distributed shelf load is calculated as a total load at the center of shelf depth.  
Shelf load is divided by 2 because the shelf load is supported by two uprights.

**Wall Unit**  
The method used to measure unbalanced load for a wall unit is the same as the method shown for an island. Consider the side with no shelves having a load of zero.

	((Shelf depth / 2) + (1 1/2))x(Load / 2)				Side 1	Side 2
					Inch-pounds	Inch-pounds
<b>SECTION A</b>	11 + 1 1/2	x	200	=	2500	
	11 + 1 1/2	x	250	=	3125	
	12 + 1 1/2	x	150	=	2025	
	12 + 1 1/2	x	150	=	2025	
	11 + 1 1/2	x	200	=		2500
	11 + 1 1/2	x	250	=		3125
<b>SECTION B</b>	12 + 1 1/2	x	200	=		2700
	12 + 1 1/2	x	250	=		3350
	11 + 1 1/2	x	200	=		2500
	11 + 1 1/2	x	250	=		3125
<b>TOTAL (Section A et B)</b>					9675	23375

**ATTENTION :**  
Subtract the smaller unbalanced load from the larger: 23375 - 9675 = 13700  
This is the total unbalanced load acting on the central upright.

In the example above, 13700 inch-pounds does not exceed the limit of 15500 inch-pounds for the S Series. Should you reduce the load on side 1 to 0 and the total for sections A & B stay the same (23375 inch-lb), side 2 will exceed the limit of 15500 inch-pounds creating a severe load imbalance.  
**As a precaution, always pay attention on how you load and unload one side of a gondola to ensure you do not create a severe unbalanced load situation. For S Series shelving, never exceed the limit of 15,500 inch-pound of unbalance.**





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