

2.25" .050 Bertha Aluminum Panel
2" .050 Bertha Aluminum Panel
2.25" .030 Bertha Galvanized Steel Panel
2" 24-Gauge Bertha Gavanized Steel Panel
2.25" 24-Gauge Bertha Gavanized Steel Panel
2.25" Bertha Clear Panel
2" Bertha Clear Panel

Materials Order Form

(1) Opening Name:	(2) Opening Size: Always put Width First! WIDTH X HEIGHT	(3) Will you be installing the panels HORIZONTALLY or VERTICALLY?	(4) Panel Length Needed: (Add 6 inches to HEIGHT if installing vertically or add 6 inches to WIDTH if installing Horizontally)	(5) Total Panels Needed for this Opening: (See Coverage Chart for your Desired Shutter Next Page)	(6) Aluminum or Steel Shutters Needed:	(7) Clear Panels Needed (Optional)	(8) Header/ Footer Length: (If Using) (See Coverage Chart Next Page)	(9) Which Header and Track Do You Need For This Opening: (Specify H-header, U- Header, build-outs, F track, studded angle)	(10) Wingnuts/ Bolts Needed: (Specify Wingnuts, anchors, bolts)
Living Room	36 X 58	Vertically	64	3	2	1	39 Inches	H-Header/Studded Angle	5 Wing/10 Bolts
Dining Room	50 X 66	Horizontally	56	5.5	5.5	0	None	Direct Mount	12 anchors/sidewalk
	X								
	X								
	X								
	X								
	X								
	X								
	X								
	X								
	X								
	X								
	X								
	X								
	X								
	X								

X				
X				
X				
X				
X				
X				

(See Next Page For Explanations)

- Step 1. Walk around your house and measure each window and door opening. Label each opening in Column 1.
- Step 2. In column 2, Make sure you indicate the WIDTH FIRST and then the height of each opening. Just measure the opening, do NOT add any extra inches at this point.
- **Step 3.** Indicate whether you want to install your shutters "Vertically" or "Horizontally" in Column 3. Vertically is the most common, however, if you have a window sill below the window, you may need to install your shutters horizontally.
- Step 4. For each opening that you are installing the shutters Vertically, add 6 inches to the HEIGHT of the window opening from Column 2 and write this new number in Column 4. For each opening that you are installing the shutters Horizontally, add 6 inches to the WIDTH of the window opening from Column 2 and write this new number in Column 4. Adding the 6 inches to the opening allows for the required bolts to be secured into your home 3 inches below your opening and 3 inches above your opening. Column 4 represents the "Panel Length in Inches" that you will need when you order on the website. Double check your numbers. **This is a very important step!**
- **Step 5.** Circle the shutter you are interested in at the top right corner of this Materials Order Form. Pay special attention to whether the shutter you want is a 2 inch shutter or a 2.25 inch shutter. If it's a 2 inch shutter you are interested in then consult the "2.15 Inch Coverage Chart. If it's a 2.25 inch shutter you are interested in then consult the "2.25 Inch Coverage Chart. Both "coverage charts" are attached on the next page.
- **Step 6.** For openings that you are installing the shutters Vertically, look at the <u>width</u> of the opening that you indicated in Column 2 above and compare it to the middle column of the Coverage Chart. The number in the middle column of the Coverage Chart need to be slightly higher than the width of your opening. For example, Our first example above indicates the width of our living room window to be 36 inches. Consulting the <u>first column</u> of the "Coverage Chart" on the next page indicates it will take 3 panels to cover this window. Write this number in Column 5 above. Column 5 represents the total "Quantity" of panels that you will need when you order on the website. **This is a very important number!**

For openings that you are installing the shutters Horizontally, look at the <u>height</u> of the opening that you indicated in Column 2 above and compare it to the middle column of the Coverage Chart. The number in the middle column of the Coverage Chart need to be slightly higher than the height of your opening. For example, Our second example above indicates the height of our dining room window to be 66 inches. Consulting the <u>first column</u> of the "Coverage Chart" on the next page indicates it will take 5.5 panels to cover this window. Write this number in Column 5 above. Column 5 represents the total "Quantity" of panels that you will need for that opening when you order on the website. **This is a very important number!**

- **Step 7.** Some windows you may want clear panels. On those windows, indicate the number of clear panels you want in Column 7 above. If you do not want any clear panels for that window put a "0" in Column 7. Columns 6 and 7 need to add up to Column 5. In our living room example above, you will see that the living room window requires 3 total panels two of which will be aluminum or steel and one will be a clear panel. For our dining room example, we will just need 5 full panels and 1 half panel since we are not installing any clear panels on this window.
- **Step 8.** Column 8 represents the length of the H-Headers and Studded Angle/F-Track that you need for that opening. This number comes from the 3rd column of the "Coverage Chart". For instance, our living room window requires 3 panels which means we need a 38.375" or 39" (depending on which shutter See Column 3 of the coverage chart) H-Header and a 38.375" or 39" (depending on which shutter) studded angle. Write the type of header (H-header, U-Header) you want to use as well as the type of track you want at the bottom of the opening (studded angle or F-track) in Column 9.
- Step 9. Estimate the number and type of bolts, anchors, etc you need for each opening and write in Column 10.
- Step 10. Take these pages to our website and go to the page of the shutter you are interested in. From there, start at your first opening and change the "Panel Length in Inches" on the website to what you have in Column 4 above. Then change the "Quantity" to however panels you need for this opening. This is usually Column 5 above but could be Column 6 if adding additional clear panels. Hit "Add to Cart". Follow this process for all your openings. Then go to the "Headers and Tracks" pages and add the required lengths and quantites of each header and track you need to your shopping cart. Then go to the "Hurricane Hardware" pages and add your hardware. Once you're done adding everything, hit the CHECKOUT button, add any promo codes you might have, and complete your order. And that's it!

Use this Chart for all 2" Shutters

2" Coverage Chart						
# of	2" Total	Cut Mounting				
Panels	Panel Coverage	Track At:				
1	13.375"	14.375"				
1.5	19.250"	20.375"				
2	25.375"	26.375"				
2.5	31.250"	32.375"				
3	37.250"	38.375"				
3.5	43.125"	44.375"				
4	49.375"	50.375"				
4.5	55.250"	56.375"				
5	61.000"	62.375"				
5.5	67.000"	68.375"				
6	72.750"	74.375"				
6.5	78.625"	80.375"				
7	84.625"	86.375"				
7.5	90.500"	92.375"				
8	96.500"	98.375"				
8.5	102.375"	104.375				
9	108.250"	110.375"				
9.5	114.250"	116.375"				
10	120.125"	122.375"				
10.5	126.000"	128.375"				
11	132.000"	134.375"				
11.5	137.875"	140.375"				
12	143.750"	146.375"				
12.5	149.625"	152.375"				
13	155.750"	158.375"				
13.5	161.500"	164.375"				
14	167.375"	170.375"				
14.5	173.250"	176.375"				
15	179.625"	182.375"				
15.5	185.500"	188.375"				
16	191.500"	194.375"				
16.5	197.375"	200.375"				
17	203.625"	206.375"				
17.5	209.500"	212.375"				
18	215.500"	218.375"				

Use this Chart for All 2.25" Shutters

2-1/4	' Coverage	Chart		
# OF	TOTAL PANEL	CUT		
PANELS	COVERAGE	TRACK AT:		
1	13.375"	15"		
1 1/2	19.250"	21"		
2	25.375"	27"		
2 1/2	31.250"	33"		
3	37.250"	39"		
3 1/2	43.125"	45"		
4	49.375"	51"		
4 1/2	55.250"	57"		
5	61.000"	63"		
5 1/5	67.000"	69"		
6	72.750"	75"		
6 1/2	78.625"	81"		
7	84.625"	87"		
7 1/2	90.500"	93"		
8	96.500"	99"		
8 1/2	102.375"	105"		
9	108.250"	111"		
9 1/2	114.250"	117"		
10	120.125"	123"		
10 1/2	126.000"	129"		
11	132.000"	135"		
11 1/2	137.875"	141"		
12	143.750"	147"		
12 1/2	149.625"	153"		
13	155.750"	159"		
13 1/2	161.500"	165"		
14	167.375"	171"		
14 1/2	173.250"	177"		
15	179.625"	183"		
15 1/2	185.500"	189"		
16	191.500"	195"		
16 1/2	197.375"	201"		
17	203.625"	207"		
17 1/2	209.500"	213"		
18	215.500"	219"		