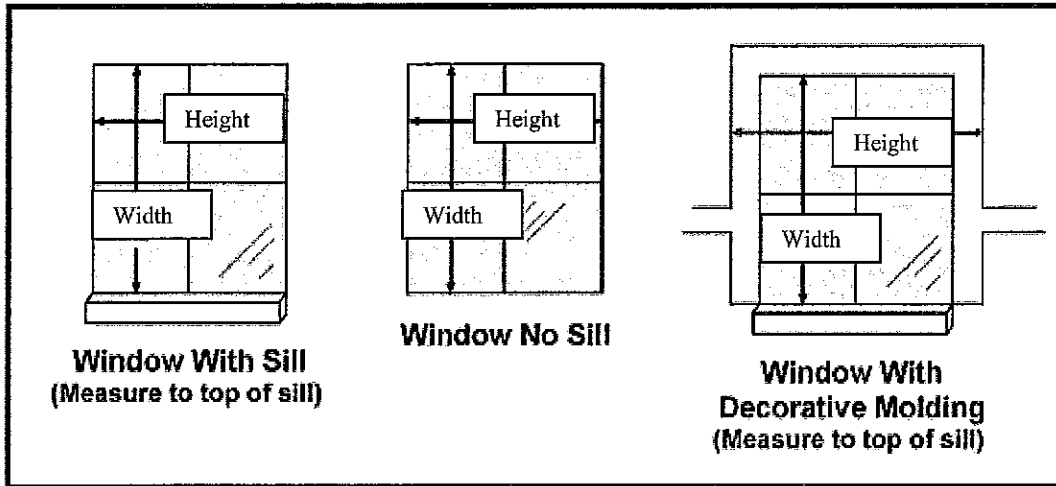


Measuring Steps

ALWAYS GIVE MEASUREMENTS IN WIDTH BY HEIGHT!!

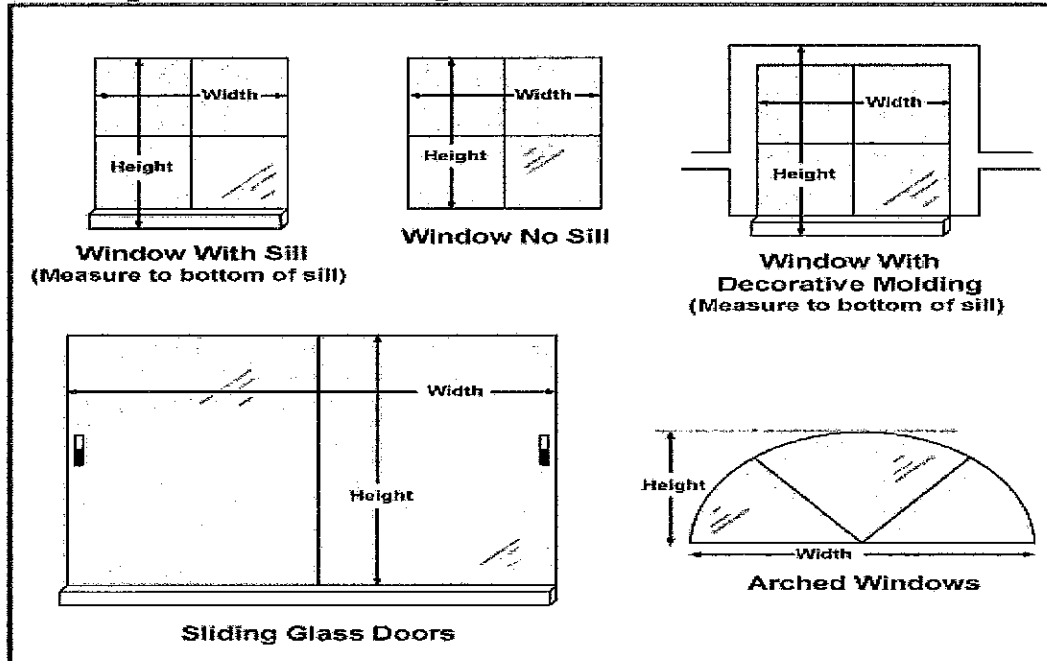
Be sure to mark each opening as being a vertical or horizontal install. This is very, very important when ordering most material. When doing a **HORIZONTAL** installation, the height of the **PANEL** you buy becomes the distance from left to right (width of the opening) and the width or **NUMBER OF PANELS** you need is found by looking at the height of the opening.

Panel Mate Method Measuring (horizontal panels)



In the example above, notice that the red arrows represent the width and the green arrows represent the height. This is because when installing a Direct Mount horizontally the rule is that the left to right measurement becomes the length of the panel and the top to bottom measurement becomes the width of the opening, which determines the number of panels you will need.

Tracking Method Measuring



Measuring your openings is as easy as it seems.

1. Make a basic drawing of the perimeter of your house. The front door will be opening#1.
2. If you stand facing your house, number the openings going counter-clockwise around the house. You can also just name every opening- living room, mstr bdrm, dining rm, etc. if that's easier.
3. Start with the front door and measure the opening. Measure the width from concrete to concrete. Then measure from the bottom of the door to the bottom of the door jam above the door. 80% of all standard doors are what they call a 3-0 x 6-8, or 36" x 80". If your door has a transom, or window above the door, that will be opening #2 and you would measure according to the illustration.
4. Move to the next opening to the right. Follow the measuring steps according to your planned style of installation. Be sure to note if the opening will be installed with the panels running up and down (vertical) or left to right (horizontal). You may also want to note if the opening is going to be a Direct Mount or Track Mount. See the table below for an example. Be sure to always enter sizes as width by height

Opening	Size	Horizontal or Vertical	Direct or Track	Opening Name
1	36x80	V	T	Front door
2	28X36	H	D	Transom
3	53x63	H	D	Den
4	53x63	H	D	Guest Bdrm
5	108x84	V	T	Lanai 1
6	144x84	V	T	Lanai 2
7	144x84	V	T	Lanai 3
8	108x84	V	T	Lanai 4

In this example, the openings that have windowsills will have the panels installed Direct Mounted horizontally which eliminates the worry of how to measure around the sill. However, if openings 3 and 4 were to be installed vertically with track and they had sills on them you would then be sure to measure to the bottom of the sill and note how far out from the wall the sill protrudes. 90% of window sills will protrude between $\frac{3}{4}$ " and $1\frac{1}{4}$ ". It's always a good idea to measure under the sill in a few different places and use the largest number to determine how much of a build out track you would need. When you have to use build out track to go around windowsills and decorative banding, it's always best if you match the top and bottom tracks to keep the panels plumb.

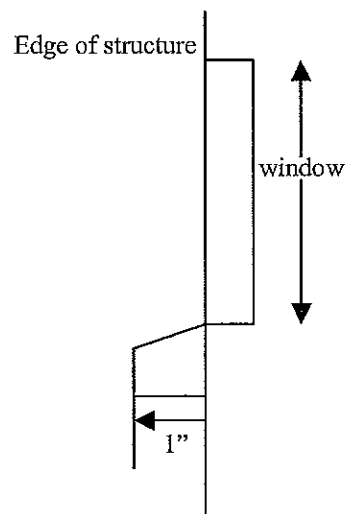
****Quick Tip!**

Work Counter Clockwise around your property starting from your front door and number each opening when measuring. When you receive your order, products will be marked in numerical order from the first to the last in the order. We recommend that you number or mark your products to avoid any confusion when installing for the next storm.

Opening w/ sill – Measuring a sill

Measure out from the bottom edge of the structure to the front of the sill. This will determine the amount of **build out** you will need.

(sill measurement here is 1")



Clear, Alum, Steel Panel Chart JUNE 2009

NUMBER OF PANELS NEEDED	FINISHED WIDTH OF OPENING	CUT TRACK LENGTH
1	14	15
1 ½	20	21
2	26	27
2 ½"	32	33
3	38	39
3 ½	44	45
4	50	51
4 ½	56	57
5	62	63
5 ½	68	69
6	74	75
6 ½	80	81
7	86	87
7 ½	92	93
8	98	99
8 ½	104	105
9	110	111
9 ½	116	117
10	122	62 62
10 ½	128	65 65
11	134	68 68
11 ½	140	71 71
12	146	74 74
12 ½	152	77 77
13	158	80 80
13 ½	164	83 83
14	170	86 86
14 ½	176	89 89
15	182	92 92
15 ½	188	95 95
16	194	98 98
16 ½	200	101 101
17	206	104 104
17 ½	212	107 107
18	218	110 110
18 ½	224	113 113
19	230	116 116
19 ½	236	119 119
20	242	81 81 81

To use this chart, take your day light opening width, add 6 inches and look for the closest number in the Finished Width column. This will tell you how many panels you will need to cover your opening. If you are using tracks to secure your panels, the chart shows what length to cut your tracks.