



FIRST ALERT

HURRICANE SHUTTERS & WHOLESALE

Measuring for Hurricane Fabric Panels

Accurate measurements of Hurricane Fabric Panels will ensure a proper installation. Keep in mind that Hurricane Fabric is designed and engineered to be anchored top and bottom **or** side to side. It is preferable to anchor the Fabric across the shorter of the two dimensions, as the shorter the attachment span, the fewer the number of anchors required. Supplemental anchors can be used to prevent sagging or billowing. When measuring, our first consideration is the type of construction; **Masonry** or **Wood Frame**.

In all construction, you will measure the opening size (some will refer to this as the inside dimension) which includes the glass and frame, then add the appropriate overlap. When measuring doors, place the tape on the floor, deck or slab, then add the top overlap to define the height. The Fabric panel will then cover the threshold and prevent wind driven rain from entering the structure.

In **Masonry** construction you will overlap both sides and top/bottom by 4". This overlap will result in the anchor being placed in the middle of the "poured cell" (the hollow area in the concrete block which has rebar and is filled with concrete during construction) which surrounds the sides of each opening. Top and bottom of masonry openings will have poured or precast Lintels and Sills. Additionally, the 4" overlap will also place the anchor hole far enough from the edge of the block to avoid cracking or fracturing the corners of the block or lintel. If a window has a protruding bottom sill, you may either terminate the Fabric at the sill or overlap the sill. If you are placing anchors below the sill, overlap 4" to allow the Clip to lay flat on the wall surface.

In **Wood Frame** construction you will overlap both sides and top/bottom by 1". This overlap will result in the anchor being placed in one of the two frame members (2x4 or 2x6) that surround each side (commonly referred to as the "Jack" and "King" studs). Typical wood frame construction will have a pair of 2x6 timbers on the horizontal top and a pair of 2x4 timbers on the horizontal bottom. Many people have concerns over trim boards surrounding the opening. These are most often 1x4 boards, with a thickness of $\frac{3}{4}$ ". The anchors will be sized accordingly, to go through the trim board, the siding and still have proper embedment in the structural timber.

Brick homes are most often brick over wood frame. This construction incorporates an air space (vapor barrier) between the back face of the brick and the plywood siding of the house. Since the brick is not a structural element, the anchors must go through the brick and have proper embedment in the timber frame members. Our anchors are available in a variety of lengths to accommodate "real" brick as well as brick veneers.

Steel structures or "storefront" type openings can be mounted using tracks. Please consult with one of our Product Support personal when you encounter this type of structure.