



## Measuring Panels in Storm Bar Applications

Several Installers have recently asked if it is necessary to add material to Panel measurements when using Storm Bars. When you install a Storm Bar, the Panel needs to come out to the depth of the first Bar on each side. These two angled sections have a dimension slightly longer than a flat Panel.

A simple geometric calculation will yield the following increases in the dimension.

### **For a 2' span between the Storm Bar and the attachment point;**

A 4" Storm Bar adds  $5/16''$  each side,  $5/8''$  total.

A 5" Storm Bar adds  $1/2''$  each side,  $1''$  total.

A 6" Storm Bar adds  $3/4''$  each side,  $1\ 1/2''$  total.

### **For a 4' span between the Storm Bar and the attachment point;**

A 4" Storm Bar adds  $5/32''$  on each side,  $5/16''$  total.

A 5" Storm Bar adds  $1/4''$  on each side,  $1/2''$  total.

A 6" Storm Bar adds  $3/8''$  on each side,  $3/4''$  total.

Multiple Storm Bar installations only require material addition to the two sides because the Fabric lays flat across the "middle" Bars. Storm Bar spans should not exceed 4' as glass separation requirements increase dramatically beyond 4'.