

October 24, 2012

Mr. Armand LaChance
Rich Exteriors
Post Office Box 8659
Portland, ME 04104-8659

Dear Sir:

Fixed panels of interior glass partitions mounted or restrained on only two sides (top and bottom) require special design considerations. Glass held on only two sides is much more flexible than glass supported on four sides. As the unsupported span or height of the glass panel increases, the glass thickness must also increase to maintain a reasonable stiffness.

The Glass Association of North America Tempering Division recommends the following minimum thicknesses for fully tempered glass used in butt glazed fixed interior panels mounted at the top and bottom only:

<u>Unsupported span from top to bottom</u>	<u>Minimum recommended thickness</u>
Up to five feet	1/4" fully tempered glass
Over five feet, up to eight feet	3/8" fully tempered glass
Over eight feet, up to ten feet	1/2" fully tempered glass
Over ten feet, up to twelve feet	5/8" fully tempered glass
Over twelve feet, up to fourteen feet	3/4" fully tempered glass

Please note, silicone joints or permanently clipping adjacent panels does not add to the structural strength or rigidity of the assembly, and does not permit reduction of the thicknesses shown in the above table.

Please do not hesitate to contact me with any questions that you may have.

Sincerely,



Troy L. Johnson, CSI, CCPR
Vice President
SIGCO, Inc.