



TIR-2011-19 11/28/2011

NFRC Technical Interpretation – 2011

** To be filled in by the request maker*

*Interpretation Requested:
<p>May a simulator group dividers based on COG values alone?</p> <p>Example 1: For a group of glazing options the IG with a 0.75" gap was determined to be the Center-of-Glass (COG) group leader for the 0.50" gap. In the 0.75" gap, up to four varying sizes of grids all maintain a 3mm clearance. But, the 0.50" gap option has one size of grid that does not maintain the 3mm clearance. Will the 0.75" gap IG options represent the 0.50" gap options with grids?</p> <p>Example 2: Two different gap widths, 0.50" and 0.38", are identified in which the grid does not maintain the required 3mm clearance for three sizes of grids (Grid 1, Grid 2, and Grid 3). The 0.50" gap is the COG group leader for the 0.38" gap. The 0.50" gap IG only required Grid 1 and Grid 2 to be modeled and Grid 3 had a 3mm clearance. The 0.38" gap IG requires all three grids to be modeled due to the 3mm clearance rule. However, since the 0.50" gap is the COG group leader, the 0.38" gap will be rated with only Grid1 and Grid 2 and will not require an additional simulation for Grid 3?</p>

<i>Date Requested</i>	<i>Initial Interpretation Date</i>	<i>Final TIPC Approval Date</i>
11/28/2011		

*Pertinent Document:	
NFRC 100	
*Referenced Sections:	*Referenced Pages:
4.2.4.1	18-19

*Interpretation:
<p>No in all cases. Section 4.2.4.1 clearly requires that all COG options be identified and simulated. Dividers are one of the members of that class. Divider groups consist only of differing materials and shapes and so all dividers must be simulated in all gaps unless they maintain at least 3mm clearance on both sides.</p>

Technical Committee Revisions to Initial Interpretation: