

TECHNICAL SALES BULLETIN 018

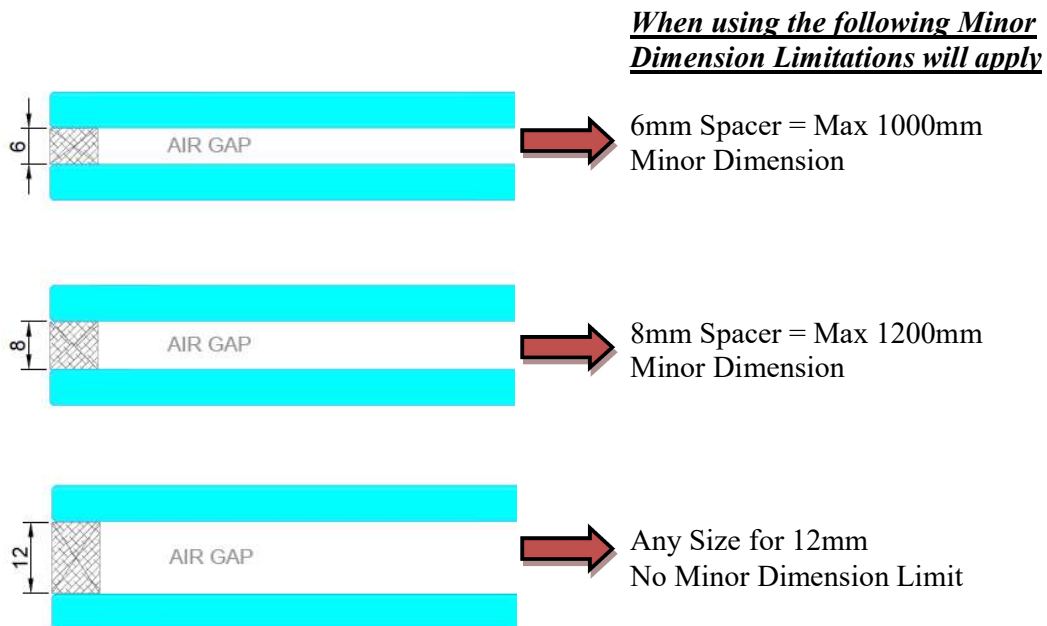
31st October 2018

SPACER BAR SIZE LIMITATIONS MINOR DIMENSION LIMITATION

SIG Spacer Bar and SIG Panel Minor Size Limitations

Depending on the spacer bar width selected there will be a size limitation in place on the minor dimension of the SIG Unit.

If you have a panel 2000mm (Wide) by 1200mm (Length) then the 1200mm dimension will be the Minor dimension (smallest size of the panel)



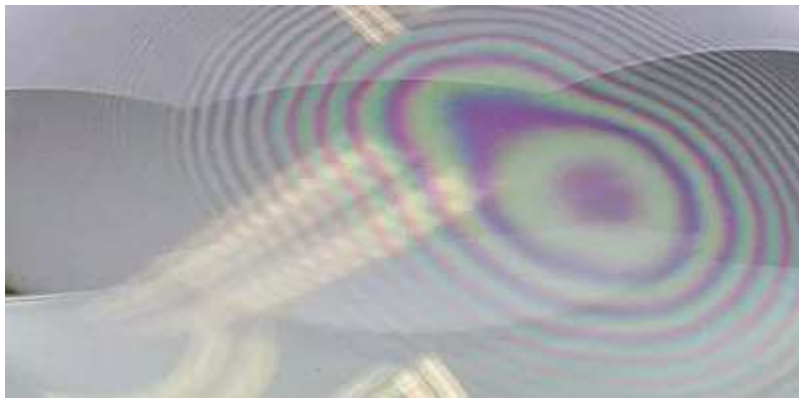
Other aspects to look at when selecting a spacer bar thickness

Spacer Bar Width (mm)	COG U-Value (4mm/Bar/4mm) <i>Lower = Better</i>	% Increase (Decreasing Performance from 12mm Spacer)
12	2.729	0.0%
8	2.942	7.8%
6	3.148	15.3%

6mm Spacer will allow +/-15.3% more heat versus a 12mm Spacer.

The selection of the correct spacer width will reduce the risk of the panes touching when deflecting due to pressure fluctuations.

This will cause a phenomena known as Newton Rings on the inner glass surfaces.



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