

TECHNICAL SALES BULLETIN 018

31st October 2018

SPACER BAR SIZE LIMITATIONS MINOR DIMENSION LIMITATION

SIG Spacer Bar and SIG Panel Minor Size Limitations

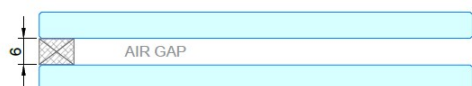
Depending on the spacer bar width selected there will be a size limitation in place on the minor dimension of the SIG Unit.

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

This needs to be upheld for PG's Warranty to be valid.

Glass areas to be as per SANS 10400-N or as prescribed by Competent Person (Glazing)

When using the following Minor Dimension Limitations will apply



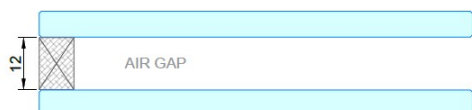
6mm Spacer = Max 1000mm
Minor Dimension



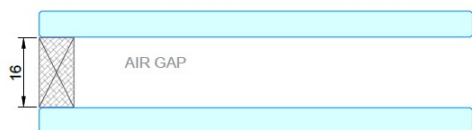
8mm Spacer = Max 1200mm
Minor Dimension



10mm Spacer = Max 1400mm
Minor Dimension



12mm Spacer = Max 1800mm
Minor Dimension



16mm Spacer = Max 2400mm
Minor Dimension

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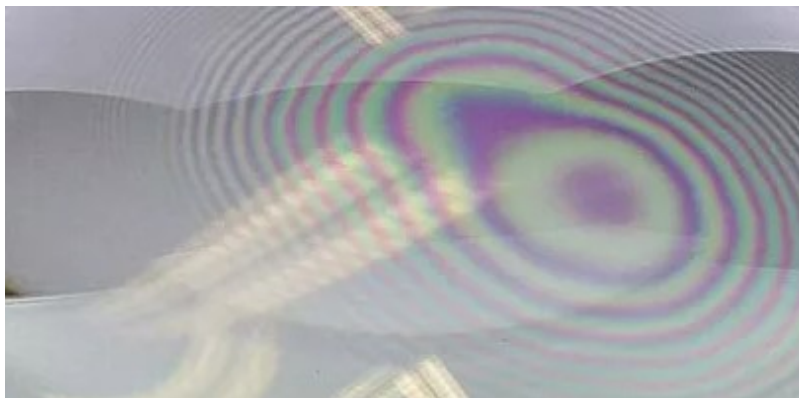
Other aspects to look at when selecting a spacer bar thickness

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 with 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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