

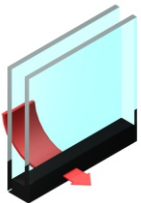
# Warm Edge

## Double Glazed SIG Units

National Glass manufactures Warm Edge double glazed SIG units with a 10 warranty. These units are designed as a single seal system, but the flexible spacer can also be used with a secondary sealant to create a dual seal unit. We use a two part structural silicone for our secondary seal.

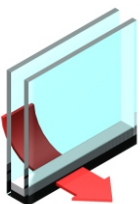
Warm Edge flexible spacers perform 8% better compared to the traditional aluminium spacer.

### Warm Edge Spacer



U Value = 0.540

### Aluminium Spacer



U Value = 0.588

### The benefits using Warm Edge double glazed SIG Units are as follows:

- Smooth surface appearance
- Improved condensation resistance
- Warmer glass edge temperature
- Low conductivity
- Flexible spacer allows for shape panels
- Available in various widths from 6.5mm – 16mm
- Does not allow Heat Loss through the spacer bar

**Note:** Standard warm edge flexible spacers are not suitable for flush or pressure glazed systems. For any structural glazed applications a structural flexible spacer will need to be supplied and we will require a design wind load and maximum panel size to determine the minimum secondary seal volume required to ensure the correct structural strength is achieved.

For any further questions please contact [msagi@natglass.co.za](mailto:msagi@natglass.co.za)