

Warm Edge

Most heat loss occurs at the sealed unit edge. This is where the spacer bar that is used to keep the two pieces of glass apart, (thereby creating the sealed unit cavity), touches each piece of glass and creates a 'thermal bridge'. Heat has a direct passage from the inside to the outside across the spacer bar system. This is demonstrated by condensation forming at the bottom of the unit in a typical 'u' shape.

By changing the spacer system to a lower conducting material, the thermal bridge can be reduced. This is known as 'warm edge' and is defined by EN ISO10077-1:2004-08.

Regency Glass offer Warm Edge spacer bars, enabling our customers to put forward energy saving solutions.

Our warm edge products differ little in appearance from conventional spacer bars and are processed through our factory using the same equipment. This gives us the benefit of manufacturing in a tried and tested fashion without having to use new methods that may compromise quality. Our warm edge products have passed EN1279 parts 2 & 3 and enable windows to achieve 'A' ratings on the bfrc Window Energy Rating scheme.

Most importantly warm edge doesn't substitute performance for environmental compliance. It is strong, durable and structurally sound so it'll live up to its guarantee-saving you the inconvenience of prematurely replacing your double glazed due to poor performance, internal misting or possible UV degradation.

