



NOW.UK

vacuum glazing



**EARTH'S MOST-INSULATING GLAZING
MADE TO FIT ALL TYPES OF WINDOWS
0.5Ug, 38dB, 25 YEAR SERVICE LIFE**

Vacuum glazing is double glazing with a tiny 0.2mm cavity at very high-vacuum giving 0.5Ug down to 0.3Ug with low-E coatings.

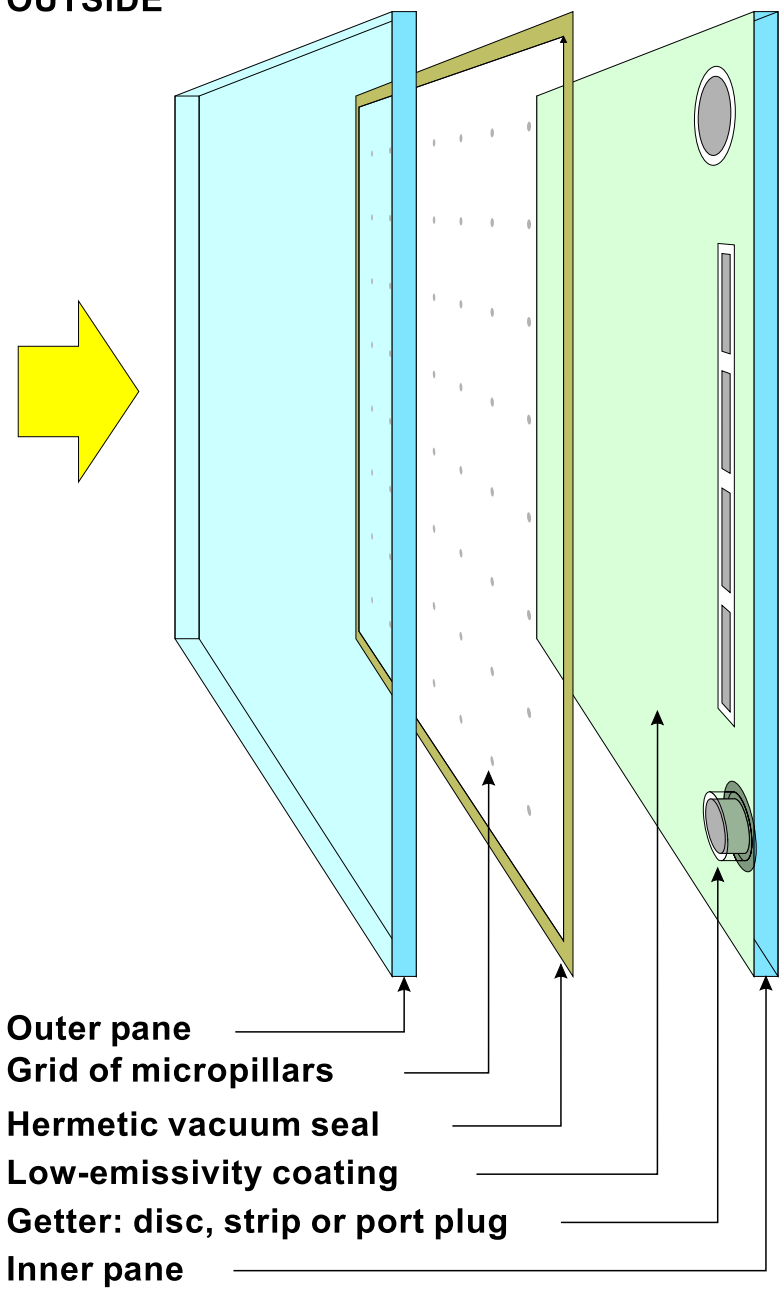
Metal or glass seals and 'getters' hold the vacuum for 40 years and micro-pillars maintain the gap. The selection of these elements are chosen to suit the glazing aesthetics and performance requirements.

Hybrids fill double-glazing systems.

Vacuum Insulated Glazing

OUTSIDE

INSIDE

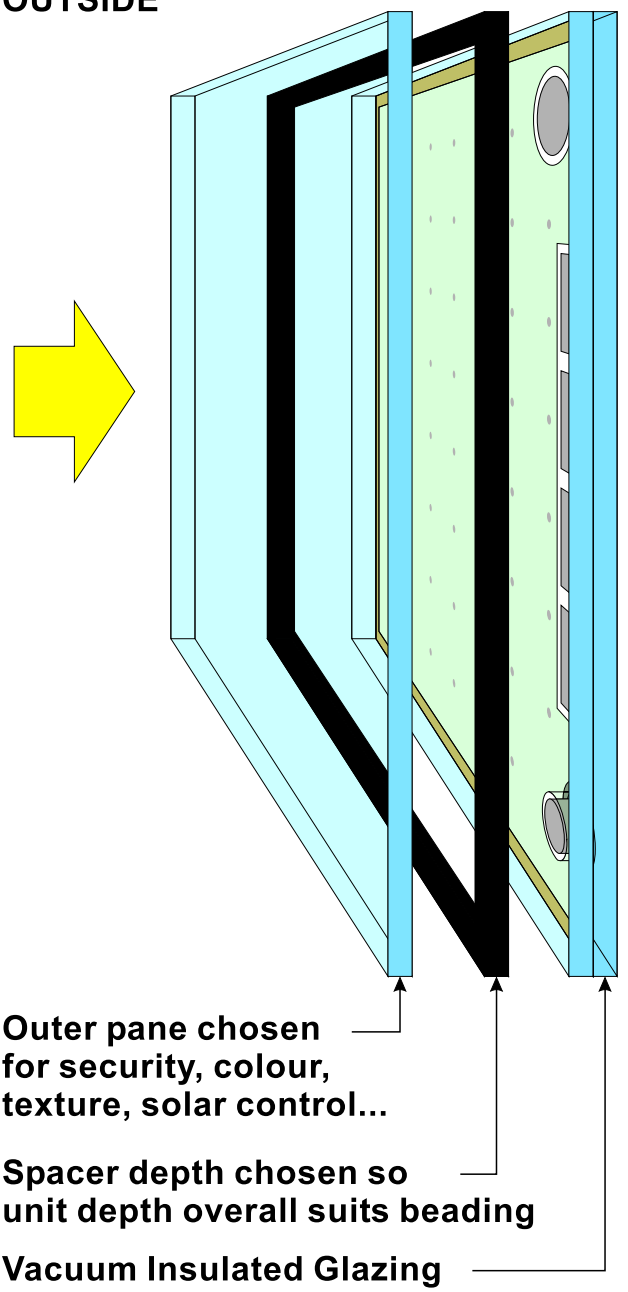


- Outer pane
- Grid of micropillars
- Hermetic vacuum seal
- Low-emissivity coating
- Getter: disc, strip or port plug
- Inner pane

VIG Hybrid Unit

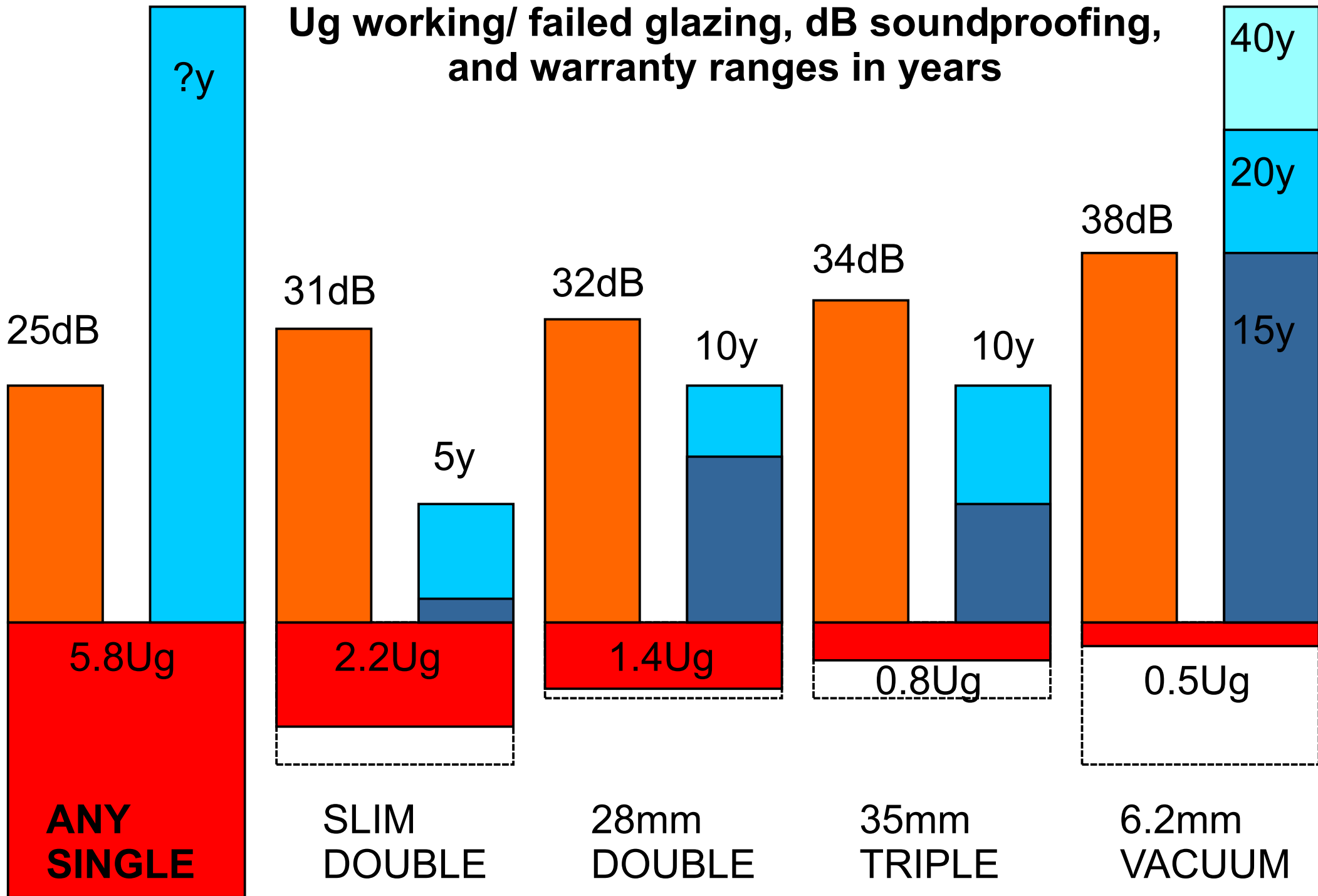
OUTSIDE





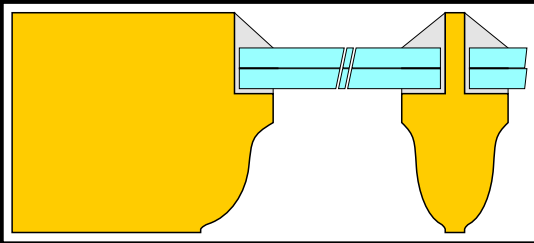
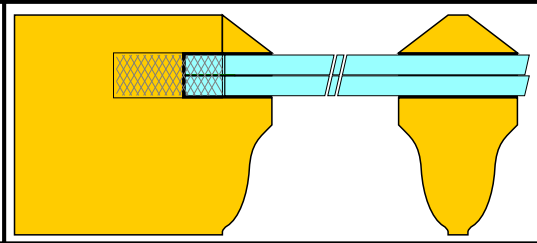
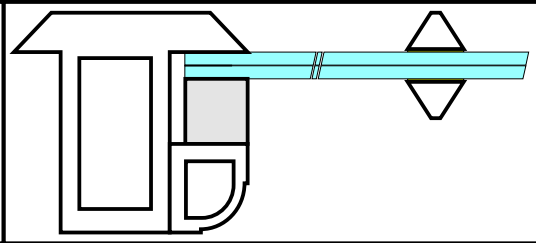
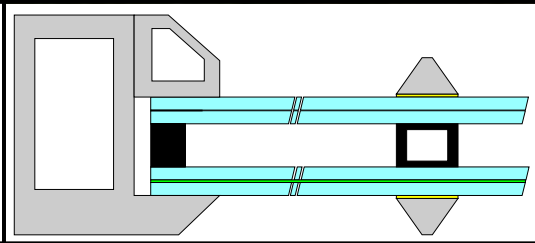
INSIDE



- Outer pane chosen for security, colour, texture, solar control...
- Spacer depth chosen so unit depth overall suits beading
- Vacuum Insulated Glazing

Ug working/ failed glazing, dB soundproofing, and warranty ranges in years



Listed Buildings	Conservation Areas	uPVC	Aluminium
			
			
<p>With no double reflections, retention of original rebates and feathers in listed timber and metal windows, VIG is readily granted retrofit permission for Grade I, II* and II windows.</p>	<p>Conservation areas' larger rebates and applied bars means all types of VIG can be used increasing the variety of features, performance and greatly reducing the price.</p>	<p>UPVC systems are the quickest and easiest to deliver the cheapest VIG technology into the mass housing, civil and public realms to greatly reduce emissions and utility bills.</p>	<p>Aluminium systems can hold the widest range of single, compound and hybrid VIGs to deliver bespoke solutions for the highest thermal, soundproofing and security performance requirements.</p>