

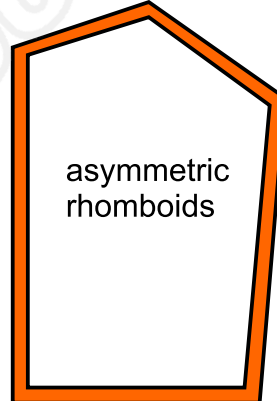
ORANGE

Orange excels at 9mm seal margins to fit Grade II, II* and Grade I heritage timber, particularly multi-pane, Georgian, sashes. Like Blue, it has steel pillars of the least-visibility making it a popular choice for residential properties.

It is a proven, reputable vig with many large projects across the world.

Unit construction: 5CT + 0.2V + 5CTL			VIG thicknesses	8, 10, 12
UV transmittance	Tuv	0.248	Toughened	yes
Visible light transmittance	LTv	0.693	Low-E coating	single, double
External visible light reflectance	Rv	0.107	Pillar type	wire getter
Internal visible light reflectance	Rvi	0.119	Pillar spacing	50mm
Direct sunlight transmittance	Te	0.367	Seal type	metal
External sunlight reflection ratio	Re	0.265	Seal margin	9mm
Direct sunlight reflection ratio inside	Rei	0.269	Getter type	wire getter
Direct absorption of sunlight	ae	0.368	Getter margin	12mm
Sunlight direct infrared transmittance	Tir	0.069	Vacuum method	one-step
Sunlight direct infrared reflectance	Rir	0.452	Max aspect ratio	1:5
Total solar transmittance	g	0.438	Narrowest unit	250 x 400-1250
Shading coefficient	SC	0.504	Minimum square	300 x 300
Total infrared transmittance	gir	0.102	Maximum unit	1800 x 2800
Light to heat ratio	LSG	1.580	Impact	1C3
Winter heat transfer coeff. W/m²K	Ug	0.490	Bending	1.5 kPa
Summer heat transfer coeff. W/m²K	Ug	0.490	Soundproofing	36, 38dB

Shapes available



Fitting dimensions to cover seals and getters

9 mm beading to hide seal

12 mm beading to hide 1 X 25 mm wire getter pieces

11 mm edge to inside of scrape

9 mm edge to inside of seal

1 mm clear bevelled edge