

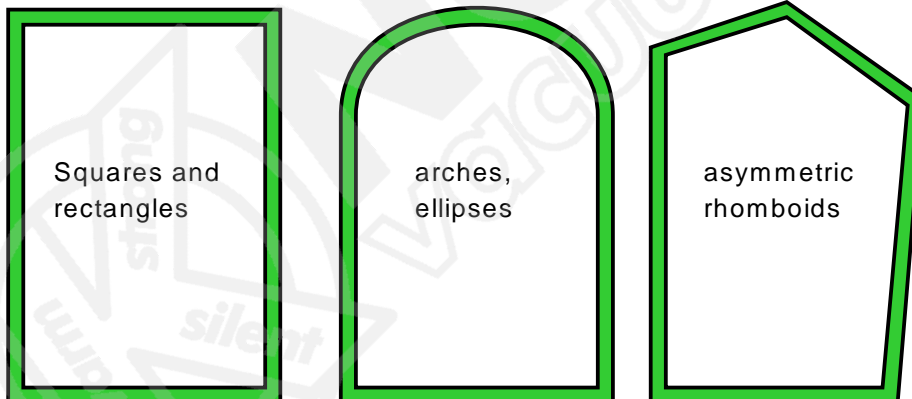
# VIOLET

Violet is a robust unit with long-lasting 14mm seals. Made by the two-step method with a face evacuation port capped by flat steel. it potentially allows re-vacuuming in situ for decades extra service life.

Using ceramic pillars, it can make shapes and complex hybrids, and is used extensively in large residential projects and commercial facades.

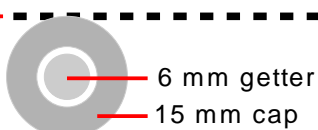
Unit construction: 5CT + 0.2V + 5CTL			Pane thicknesses	8, 10, 12, 16
UV transmittance	Tuv	0.248	Toughened	yes
Visible light transmittance	LTv	0.693	Low-E coating	single, double
External visible light reflectance	Rv	0.107	Pillar type	ceramic black/white
Internal visible light reflectance	Rvi	0.119	Pillar spacing	50mm
Direct sunlight transmittance	Te	0.367	Seal type	glass frit
External sunlight reflection ratio	Re	0.265	Seal margin	14mm
Direct sunlight reflection ratio inside	Rei	0.269	Getter type	port pellet
Direct absorption of sunlight	ae	0.368	Getter margin	44mm
Sunlight direct infrared transmittance	Tir	0.069	Vacuum method	face port
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	1600 x 2700
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

14 mm beading to hide seal  
44 mm beading and rout to hide port



17 mm edge to inside of scrape  
14 mm edge to inside of seal  
1 mm clear bevelled edge