
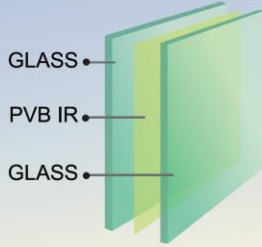
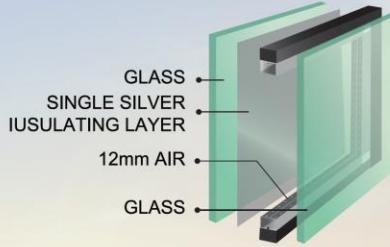




# Comparison between energy-saving glass G Brand and single silver insulating Low E glass

item		 Laminated Glass B70	single silver insulating glass
construction diagram		 <p>GLASS PVB IR GLASS</p>	 <p>GLASS SINGLE SILVER INSULATING LAYER 12mm AIR GLASS</p>
description of glass construction		5+PVB38+PVB IR38+5	sle5+12A+5
final thickness of glass		10.76 <b>better</b>	22
optical characteristics	V.L.T	64.71 <b>better</b>	63
	V.L.T. reflection	6.25 <b>better</b>	15
	SC	0.578 <b>better</b>	0.65
	UV penetration	>1 <b>better</b>	65
effect of sound-proof		35 <b>better</b>	30
safety	use for roof	yes <b>better</b>	no
	explosion-proof	yes <b>better</b>	no
cost	loss material loss	only on PVB film <b>better</b>	15%loss on Low E glass
	cost of window frame	more economic <b>better</b>	need to use the thicker window frame
	volume of glass	smaller <b>better</b>	double than laminated glass
	freight	cheaper <b>better</b>	double
	cost of construction	cheaper <b>better</b>	more expensive
	warranty period	warranty 7 years <b>better</b>	Must use tempered glass; otherwise people will be hurt when glass broken and not safe. In Taiwan it is unable to pass wind pressure test.
	risk of air crack	no need to consider <b>better</b>	need to consider