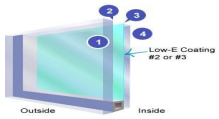
Insulglass Max IGU with its very low U values or heat transfer and low solar heat gain properties, is the most popular soft coat for domestic applications in tropical regions as it not only stops ingress of natural sun energy inside the room but it also minimises natural or human heat transfer outside by retaining most of it inside the room.



			Visible Light		Solar			U Value				Interpretation	Where can this glass be used?
	Nominal Thickness (mm)	Colour	Trans	Reflect	Trans	Reflect	UV Trans	Air	Argon	Shading Co.	SHGC	Based on SHGC, Visible Light Transmission & U-Values	
Insulglass Max 564 (#2)	6 + 12 + 6	Clear	64%	12%	25%	52%	6%	1.62	1.34	0.32	0.27	Lets good light in whilst maintaining internal comfort levels in summer by keeping external natural heat outside.	Where there is maximum sun facing windows. Summer product.
Insulglass Max 130 (#3)	6 + 12 + 6	Grey	30%	6%	12%	16%	2%	1.62	1.34	0.26	0.23	Stops additional light coming into the room whilst maintaining internal comfort levels in summer by keeping external natural heat outside	Where there is maximum sun facing windows. Summer product.
Insulglass Max 117 (#3)	6 + 12 + 6	Grey	17%	5%	7%	7%	1%	1.62	1.34	0.19	0.16		
Insulglass Max 256 (#3)	6 + 12 + 6	Green	56%	11%	20%	13%	3%	1.62	1.34	0.37	0.32	Lets good light in whilst maintaining internal comfort levels in summer by keeping external natural heat outside.	Where there is maximum sun facing windows. Summer product.
Insulglass Max 635 (#3)	6 + 12 + 6	Bronze	35%	7%	14%	19%	2%	1.62	1.34	0.29	0.25	Stops additional light coming into the room whilst maintaining internal comfort levels in summer by keeping external natural heat outside	Where there is maximum sun facing windows. Summer product.
Insulglass Max 338 (#3)	6 + 12 + 6	Blue	38%	7%	14%	9%	2%	1.62	1.34	0.29	0.25		

All performance data is determined- using LBL Windows 6.3 software, NFRC 100-2001
conditions have been used. Where # appears, ie (#3 or #2) in product name, this identifies the position of the coated surface of the glass. Glass surfaces are counted from the exterior to the interior of the building.
The first number is the outer glass thickness, +12 Air is the width of the airspace, then the thickness of the inner panel of the unit. Thickness tolerances are: 3-6mm (±0.2mm); 8-12mm (±0.3mm); 15mm (±0.5mm); 19mm (±1.0mm).

Recommendations are based on performance data. Please consult with your builder, architect or consultant before deciding on any Australian Glass Group product for your requirements.