



Solar Arc Tempered Glass Specification

厚度 Thickness	2.0mm/3.2mm
最大尺寸 Max size	1200*2400mm
最小尺寸 Min size	300*300mm
尺寸公差 Tolerance size	Side length L \geq 1000mm allowable deviation \pm 1mm
透光率 solar transmittance	Monolayer: \geq 93.8%, Bilayer : \geq 94.1% (Wavelength range: 380~1100nm)
对角线 Diagonal tolerance	The difference between the two diagonals exceed 0.1% of the average value of the two diagonals is not permitted
反射率 Reflectance	Backplane glaze layer: >75% (380-1100nm)
涂层厚度 Film thickness	Monolayer: 125 ± 10 nm Bilayer: (surfacelayer): 120 ± 15 nm, (underlayer): 85 ± 10 nm (Backplane glaze layer): 20 ± 5 um
密度 Density	$\sim 2.5 \times 10^3 \text{Kg/m}^3$
弯曲度 Warpage	Overall Bow/warp: < 3.0mm/m Local Bow/warp: < 0.5mm / 300mm
弯曲强度 Bending Strength	2.0mm/2.5mm: \geq 75 MPa 2.8mm/3.2mm/4.0mm 钢化玻璃: \geq 90 MPa
边部加工 Edge processing	'C' shape
崩边 (L×W×D) Edge Defect	Max:3.0×2.0×1.0 (mm) . Sharp corner is not permitted
表面硬度 (Mitsubishi) Pencil Hardness	\geq 4H
产品优势 Advantage	Combined with nanometer anti-reflective coating technology,glass surface has a dense structure of high-gain film,which increase 2.3%-2.5% of solar transmittance