

Specifications Vetro Solar Glass

general, technical information

glass qualities and thicknesses

solar quality float glass	2 mm - 8 mm
standard clear float glass	2 mm - 8 mm
solar quality patterned glass	2 mm - 4 mm

general dimensions

length	min.	550mm
	max.	2000mm
width	min.	550mm
	max.	1600mm

dimensional tolerances annealed glass

thickness	±	0.15mm
length	±	0.5mm
width	±	0.5mm
diagonals difference	≤	1.0mm

dimensional tolerances tempered glass

thickness	±	0.15mm
length	±	1.0mm
width	±	1.0mm
diagonals difference	≤	2.0mm

edge and thermal treatment

edge shapes	c-shape, k-shape, corner cut	KGM, KGS
heat strengthened glass	available for thicknesses	2 mm - 8mm
	mech. strength patterned	≥ 55 N / mm ²
	mech. strength float	≥ 70 N / mm ²
	general bow	≤ 0.003mm / mm
	local warp	≤ 0.3mm / 300mm
	fragmentation	acc. EN1863-1
fully toughened glass	available for thicknesses	2.5 mm - 8mm
	mech. strength patterned	≥ 70 N / mm ²
	mech. strength float	≥ 120 N / mm ²
	general bow	≤ 0.003mm / mm
	local warp	≤ 0.3mm / 300mm
	fragmentation	acc. EN12150-1

visual properties

surface contamination	not accepted
bubbles, stones, inclusions	acc. EN572-2 / -5
any defects visible from 1m distance against black background	not accepted

packaging

standard transportation device	returnable rack
interleaves	powder, cords
environmental protection	wrapping foil