



Comfort Select 73 / 73P

Energy Select 73

Cardinal Comfort Select™ 73 is a durable, hard-coated, low-emissivity glass that provides passive solar gain resulting in year-round cost savings. Designed for use on the 2nd or 3rd surface of an insulating glass unit (IGU), improving energy efficiency in the colder Northern climates.

Cardinal Comfort/Energy Select™ 73P is a durable, hard-coated, low-emissivity glass that may be used on the on the 2nd or 3rd surface of an IGU, improving energy efficiency in the colder Northern climates. It also can be used on the 4th surface, combined with a Cardinal LoE™ coating on the 2nd surface for improved U-factor performance in colder climates.

Benefits of Comfort/Energy Select



Durable, same shelf life as standard float glass



Effective for passive solar design

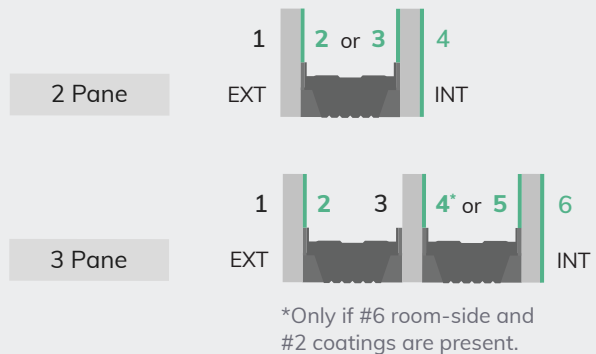


Edge deletion not required



73P can be used monolithically, or as part of an IGU

Coating Position:



Laminated options

Custom shapes & sizes

Max dimensions: 96" x 144"

Thicknesses: 3 to 6mm

Note: Comfort Select 73 and Comfort/Energy Select 73P is available as annealed, heat-strengthened, or tempered glass.

Center-of-Glass Performance

Dual Pane

	Thickness	VISIBLE LIGHT			FADING			U-FACTOR	
		Transmission	Exterior	Interior	UV	ISO	SHGC	Air Fill	Argon Fill
								IP / SI	IP / SI
▶ Clear / CS73 (3)	3mm	74%	18%	17%	43%	64%	0.73	0.33 / 1.88	0.29 / 1.65
	4mm	75%	17%	16%	44%	65%	0.72	0.33 / 1.88	0.29 / 1.64
	5mm	75%	17%	16%	42%	64%	0.71	0.33 / 1.87	0.29 / 1.64
	3mm	74%	17%	18%	43%	64%	0.65	0.33 / 1.88	0.29 / 1.65
	4mm	75%	16%	17%	44%	65%	0.65	0.33 / 1.88	0.29 / 1.64
	5mm	75%	16%	17%	42%	64%	0.64	0.33 / 1.87	0.25 / 1.64
	3mm	77%	18%	17%	48%	67%	0.73	0.34 / 1.94	0.30 / 1.71
	4mm	77%	18%	17%	46%	66%	0.72	0.34 / 1.94	0.30 / 1.71
	5mm	75%	18%	17%	42%	64%	0.70	0.34 / 1.93	0.30 / 1.71
	3mm	77%	17%	18%	48%	67%	0.67	0.34 / 1.94	0.30 / 1.71
	4mm	77%	17%	18%	46%	66%	0.67	0.34 / 1.94	0.30 / 1.71
	5mm	75%	17%	18%	42%	64%	0.65	0.34 / 1.93	0.30 / 1.71
	3mm	70%	19%	20%	36%	57%	0.61	0.26 / 1.50	0.23 / 1.33
	4mm	70%	18%	19%	37%	58%	0.61	0.26 / 1.49	0.23 / 1.32
	5mm	69%	18%	20%	34%	57%	0.59	0.26 / 1.49	0.23 / 1.32
	3mm	72%	19%	20%	40%	60%	0.63	0.27 / 1.54	0.24 / 1.37
	4mm	72%	19%	20%	39%	59%	0.62	0.27 / 1.54	0.24 / 1.37
	5mm	70%	19%	20%	35%	57%	0.61	0.27 / 1.54	0.24 / 1.37
▶ CS73 (2) / Clear	6mm	75%	17%	17%	40%	63%	0.68	0.34 / 1.93	0.30 / 1.71
	6mm	75%	17%	17%	40%	63%	0.64	0.34 / 1.93	0.30 / 1.71
	6mm	70%	19%	20%	33%	57%	0.59	0.27 / 1.54	0.24 / 1.37
▶ CS73 (2) / CS73P (4)	3mm	62%	23%	23%	27%	49%	0.56	0.24 / 1.35	0.19 / 1.10
	4mm	63%	23%	23%	29%	51%	0.56	0.24 / 1.35	0.19 / 1.09
▶ CS73P (2) / Clear / CS73P (5)	3mm	66%	24%	24%	34%	54%	0.58	0.25 / 1.39	0.20 / 1.14
	4mm	66%	24%	24%	32%	53%	0.57	0.25 / 1.39	0.20 / 1.14
▶ CS73 (2) / CS73 (4) / CS73P (6)	3mm	58%	24%	26%	23%	44%	0.51	0.20 / 1.14	0.17 / 0.95
	4mm	59%	23%	25%	24%	46%	0.51	0.20 / 1.14	0.17 / 0.95
▶ CS73P (2) / CS73P (4) / CS73P (6)	3mm	62%	25%	27%	28%	48%	0.54	0.21 / 1.17	0.17 / 0.98
	4mm	62%	24%	26%	27%	48%	0.53	0.21 / 1.17	0.17 / 0.98

Triple Pane

Monolithic

	Thickness	VISIBLE LIGHT		FADING		SHGC	U-FACTOR
		Transmission	Exterior	UV	ISO		IP / SI
▶ CS73	3mm	82%	23%	54%	72%	0.72	0.64 / 3.66
	4mm	83%	23%	56%	73%	0.72	0.64 / 3.65
	5mm	82%	24%	55%	73%	0.71	0.64 / 3.64
▶ CS73P	3mm	84%	24%	60%	75%	0.75	0.67 / 3.78
	4mm	59%	23%	58%	75%	0.74	0.66 / 3.77
	5mm	83%	25%	54%	72%	0.73	0.66 / 3.77
▶ ES73P	6mm	83%	11%	53%	72%	0.72	0.66 / 3.76

LBNL Window 7 per NFRC100 conditions.

CS = Comfort Select

ES = Energy Select



ENGINEERING THE FUTURE OF GLASS

Contact Cardinal FG to learn more and about other Cardinal glass products.

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