

Application Chart



		SINGLE PANE CLEAR	SINGLE PANE TINTED	DUAL PANE CLEAR	DUAL PANE TINTED	CLEAR IG-LOW E #2	CLEAR IG-LOW E #3	CLEAR LAMINATION
Exclusive Series	Aurora 35	Go	Go	Go	Go	Stop	Stop	Go
	Aurora 45	Go	Go	Go	Go	Go	Yield*	Go
Magic Series	Twilight 10	Go	Go	Go	Go	Yield*	Stop	Go
	Twilight 20	Go	Go	Go	Go	Go	Stop	Go
	Twilight 25	Go	Go	Go	Go	Go	Go	Go
	Twilight 35	Go	Go	Go	Go	Go	Go	Go
Solar Series	Legacy 40	Go	Yield*	Stop	Stop	Stop	Stop	Stop
	Legacy 50	Go	Go	Go	Yield*	Yield*	Stop	Go
Dual Reflective	Legacy 70	Go	Go	Go	Stop	Go	Go	Go
	Nature 10	Go	Yield*	Stop	Stop	Stop	Stop	Stop
	Nature 20	Go	Go	Stop	Stop	Stop	Stop	Stop
	Nature 30	Go	Go	Yield*	Yield*	Stop	Stop	Stop
	Nature 40	Go	Go	Go	Go	Go	Go	Go
	Nature 50	Go	Go	Go	Go	Go	Go	Go
	Daydream 5	Go	Go	Go	Go	Go	Go	Go
	Daydream 15	Go	Go	Go	Go	Go	Yield*	Go
	Daydream 25	Go	Go	Go	Go	Go	Yield*	Go
	Daydream 35	Go	Go	Go	Go	Go	Yield*	Go
One Way Mirror	Sky 10	Go	Go	Go	Go	Go	Go	Go
	Sky 20	Go	Go	Go	Go	Go	Yield*	Go
	Sky 30	Go	Go	Go	Go	Go	Yield*	Go
	Sky 40	Go	Go	Go	Go	Go	Yield*	Go
	Illusion	Go	Go	Go	Go	Go	Yield*	Go
	Reflection 20	Go	Go	Go	Go	Go	Go	Go
	Reflection 35	Go	Go	Go	Go	Go	Go	Go
Solar Bronze	Reflection 50	Go	Go	Go	Go	Go	Go	Go
	Moonlight 5	Go	Yield*	Stop	Stop	Stop	Stop	Stop
	Moonlight 10	Go	Yield*	Stop	Stop	Stop	Stop	Stop
	Moonlight 25	Go	Go	Yield*	Stop	Stop	Stop	Yield*
	Horizon 20	Go	Go	Go	Go	Go	Go	Go
Protection Series	Horizon 35	Go	Go	Go	Go	Go	Go	Go
	Firewall 70	Go	Go	Go	Go	Go	Go	Go
	Clear Safety Films	Go	Go	Go	Go	Go	Go	Go
	Nature 20 SF 4 Mil	Go	Go	Stop	Stop	Stop	Stop	Stop
	Nature 20 SF 8 Mil	Go	Go	Stop	Stop	Stop	Stop	Stop
	Nature 40 SF 4 Mil	Go	Go	Go	Go	Stop	Stop	Go
	Nature 40 SF 8 Mil	Go	Go	Go	Go	Stop	Stop	Go
	Silver 20 4 Mil	Go	Go	Go	Go	Go	Go	Go
	Silver 20 8 Mil	Go	Go	Go	Go	Go	Go	Go
	Anti Graffiti	Go	Go	Go	Go	Go	Go	Go
Design Series	White Frost	Go	Go	Go	Go	Stop	Stop	Go
	White Out	Go	Go	Go	Go	Stop	Stop	Go
	Black Out	Go	Yield*	Stop	Stop	Stop	Stop	Stop

Key

- Go
- Yield
- Stop

Yield* with Tempered Glass proceed.
With Annealed Glass Stop

Tempered Glass- Tempered glass is sometimes referred to as toughened glass, as it takes annealed glass and makes it stronger by heating it to roughly 700° Celsius (1,200° Fahrenheit) and then force-cools it at an accelerated rate, depending on the properties desired in the finished glass product. The result is glass with a higher surface compression (>10,000 psi) that is 4 to 5 times stronger to resist breakage, has less chance of thermal stress break, and when damaged, creates small fragments rather than dangerous shards. Tempered glass is a popular option when safety is a main objective or requirement.

Annealed Glass- The creation of annealed glass involves a specific glass-cooling process. It is also referred to as non-tempered and float glass. Annealed glass does not have the strength of tempered glass, and thus is not used when safety is a concern. It is more commonly used for décor products rather than window glass. When used for glass doors or windows, it is usually combined in two or three layers with a plastic interlayer to create laminated glass that has increased durability, strength, and reduced shatter danger. Annealed glass is used when an economical solution is desired.

Laminated Glass- Is made by pasting PVB (polyvinyl butyral) resin glue film between two or more pieces of glass sheet, then heating, pressing and bonding them together to create flat or curved compound glass product. The glass sheet for making laminated glass can be ordinary glass, float glass, tempered glass, colored glass, heat-absorbing glass or heat-reflecting glass etc. The layer quantity is 2, 3, 5, 7, up to 9. For double-layer laminated glass, the common thickness of glass sheet is (mm) 2 + 3, 3 + 3 and 3 + 5 etc. Laminated glass has good transparency, and its impact resistance is several times higher than that of ordinary sheet glass.