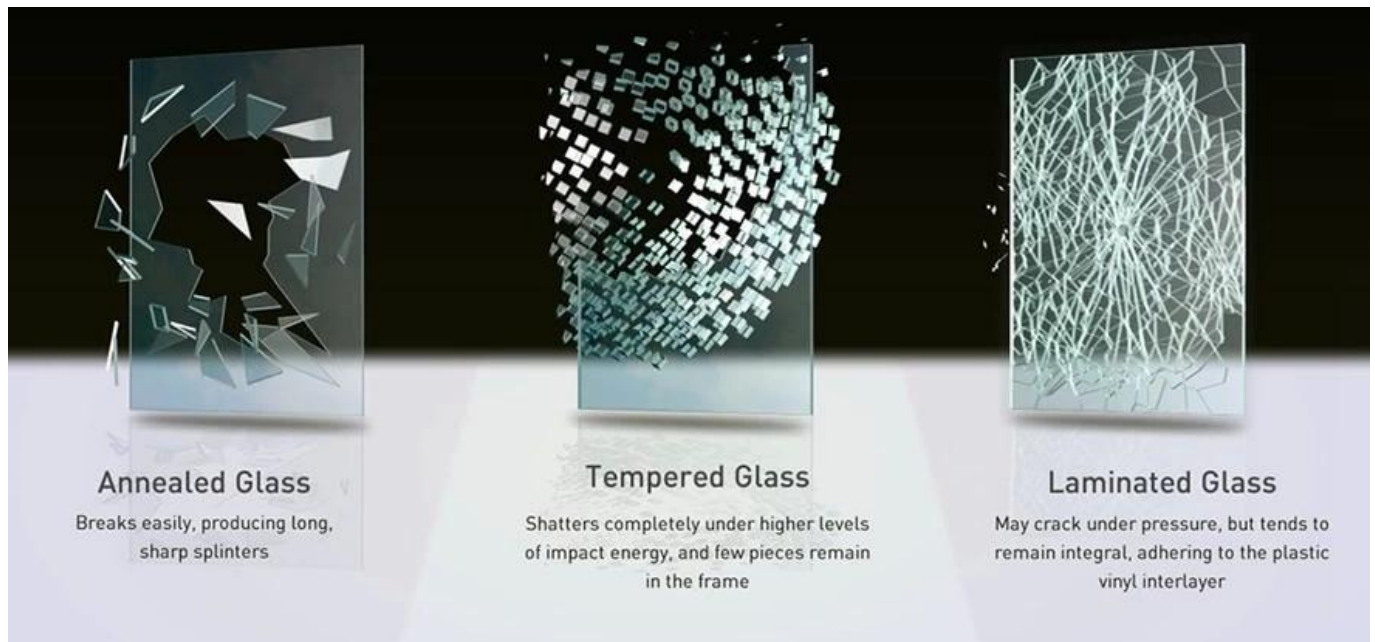


Export product 8.76mm ultra clear toughened laminated glass 442 low iron tempered laminated glass

8.76mm Ultra Clear Tempered [Laminated Glass](#) is made up of two panels 4mm low iron glass permanently bonded together with 0.76mm PVB interlayer via a controlled, highly pressurized and industrial heating process. The lamination process results in the glass panels holding together in the event of Breakage, reducing the risk of harm.



Ultra Clear Tempered Laminated Glass Characteristic

High security

When the laminated glass is subjected to an external force, the PVB film is difficult to penetrate because it has strong toughness and can absorb and weaken a large amount of impact energy. Even if it is destroyed, the debris will stick to the interlayer without spreading.

Sound insulation


The PVB film is an organic material that blocks sound waves. Therefore, laminated safety glass provides better sound insulation than pure glass having the same thickness.

Super High Transparency

Ultra-clear laminated glass with super high transparency, and the neutral color making the glass perfect to use at where high visibility and clarity are required.

Create aesthetic sense to building

Low iron laminated glass will beautify the buildings and harmonize their appearances with surrounding views which meet the demands of architects.

 LOW IRON FLOAT GLASS PERFORMANCE DATA													
Thickness	Visible Light Transmittance	Visible Light Reflectivity	Solar Radiant Heat				Shading Coefficient			U Value (W/m ² L)	Sound Insulation Rm(dB)	RW(dB)	UV Penetrate
			Direct Penetrate	Reflect	Absorb	Total Penetrate	Short Wave	Long Wave	Total				
3mm	92%	8%	91%	8%	10%	91%	1.05	0.01	1.05	5.80	26.00	30.00	85.00
3.2mm	92%	8%	91%	8%	20%	91%	1.03	0.01	1.05	5.80	26.00	30.00	84.00
4mm	92%	8%	90%	8%	20%	91%	1.03	0.01	1.05	5.80	27.00	30.00	82.00
5mm	92%	8%	90%	8%	20%	90%	1.03	0.01	1.03	5.80	29.00	32.00	81.00
6mm	91%	8%	89%	8%	30%	90%	1.02	0.01	1.03	5.70	29.00	32.00	79.00
8mm	91%	8%	88%	8%	40%	89%	1.01	0.01	1.02	5.70	31.00	34.00	76.00
10mm	91%	8%	88%	8%	40%	89%	1.01	0.02	1.02	5.60	33.00	36.00	74.00
12mm	91%	8%	87%	8%	50%	88%	1.00	0.02	1.01	5.50	34.00	37.00	72.00
15mm	90%	8%	83%	8%	60%	87%	0.99	0.02	1.00	5.50	35.00	38.00	71.00
19mm	90%	8%	84%	8%	70%	86%	0.97	0.02	0.99	5.50	37.00	40.00	70.00

Only for reference

Composition: Made up with two pieces 8mm clear tempered glass with four layers clear PVB.

Size: max size: 3300*13000mm, min size: 300*300mm, any size could be customized.

All the processing done on tempered laminated glass like cut to customized size, polished edges, cut notches, drill holes, etc. must be done before tempering.

8.76mm Ultra Clear Tempered Laminated Glass Application

- Shopping mall curtain [wall glass](#), storefront glass, airport [skylight glass](#).
- Long corridor glass, walk way glass, aquarium glass.
- Glass balustrade, railing, balcony, stair handrail.
- Many Others.

KXG

