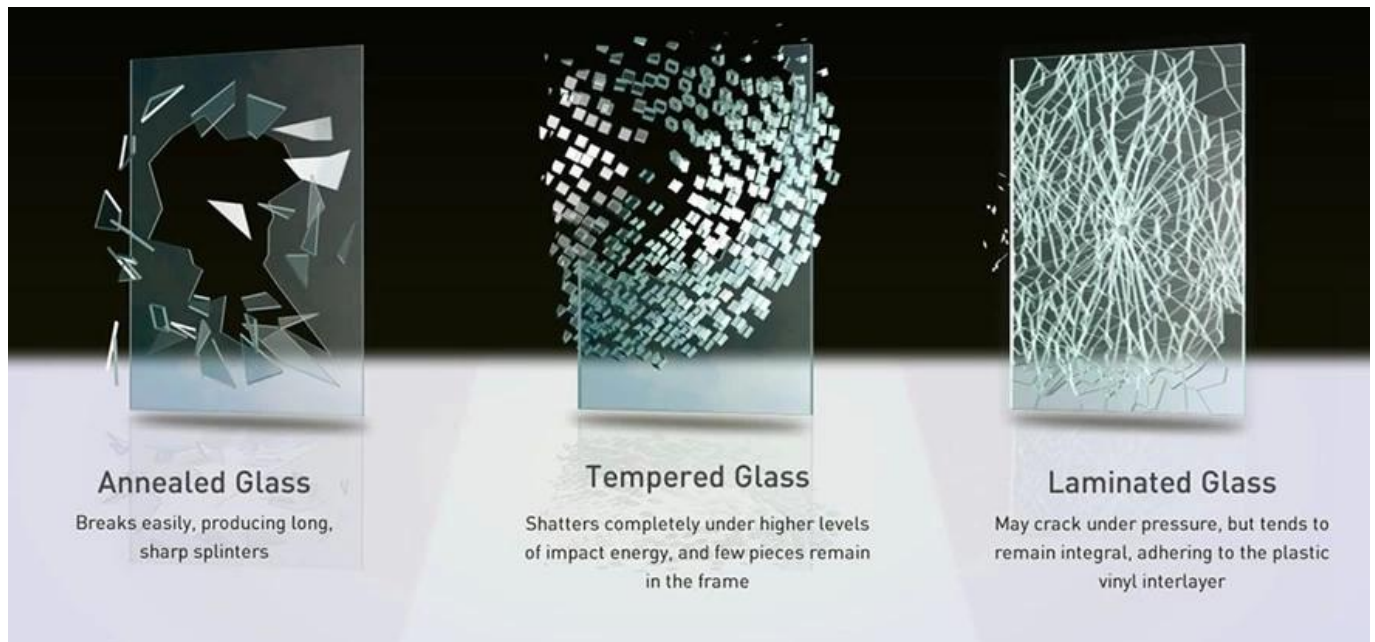


## Export product 8.76mm ultra clear toughened laminated glass 442 low iron tempered laminated glass

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.

 <b>LOW IRON FLOAT GLASS PERFORMANCE DATA</b>													
Thickness	Visible Light Transmittance	Visible Light Reflectivity	Solar Radiant Heat				Shading Coefficient			U Value (W/m2L)	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.

