

Superior quality 17.52mm laminated glass 884 low iron toughened laminated safety glass manufacturer China

17.52mm low iron toughened laminated glass

Jimmy glass produce high quality CE certified 17.52mm low iron toughened laminated glass, 17.52mm ultra clear tempered laminated glass, 884 super white tempered safety laminated glass. It is made by 2pcs of 8mm ultra clear tempered glass with 4 layers of 0.38mm PVB or SGP film. It's the safety decorative glass, with super light transmittance, widely used for high-end glass buildings.

Advantages of 884 ultra clear laminated glass

1. Safety security glass: interlayers absorb the energy of the impact, resisting penetration. Although the glass may break, the glass fragments remain firmly bonded to the interlayer, minimizing the risk of injuries. perfect for overhead glazing.
2. Sound reduction: Laminated glass has proven to be an excellent barrier to noise, having a higher sound reduction index, reduces noise, providing a quite atmosphere day and night.
3. UV control: The major cause of deterioration and fading of furnishings and pictures is the chemical reaction caused by short-wavelength UV radiation. UV-absorbing additives in the interlayer in laminated glass can screen out almost all these damaging rays.
4. Protection from weather and natural disasters: In developed areas subject to heavy winds and rains such as hurricanes or cyclones, buildings often need extra protection, laminated glass constructions can be properly designed to remain intact under impact and keep the envelope of the home or building sealed.
5. Durability: Laminated glass is durable, maintaining its color and strength, and is as easily cleaned as ordinary glass.

The features of 17.52mm unbreakable laminated glass

1. Glass type: 8mm ultra clear tempered glass; others available in 5mm ultra clear tempered glass, 6mm ultra clear tempered glass, [10mm ultra clear toughened glass](#), etc
2. Other glass types available in: [8mm clear tempered glass](#), 8mm green tempered glass, 8mm bronze tempered glass, 8mm blue tempered glass, 8mm grey tempered glass, 8mm reflective tempered glass, etc
3. Glass components available in: 8mm clear tempered glass+1.52mm PVB/SGP+8mm clear tempered glass, 8mm clear tempered glass+1.52mm PVB/SGP+8mm green tempered glass, 8mm clear tempered glass+1.52mm PVB/SGP+8mm color reflective tempered glass, etc.
4. Size: max size in 3300*8000mm, any customized size to meet customized requested.
5. PVB color: clear, yellow, red, any pantone colors.
6. Special processing: cutout, drill holes, polished edge, beveled edge, ogee edge, etc.
7. Logo can be printed.

Applications of 17.52mm [super white laminated glass](#)

Laminated Low Iron Glass is used for safety and security glazing, giving protection at all levels, not only for residential homes, but also for military and anti-terrorist needs.

Laminated Ultra Clear glass is preferable for multilayer applications, due to the low-iron content of the glass, ensuring a white, neutral appearance even at considerable panel thickness. Laminated coloured Wall coverings, will be even brighter with UltraClear Low Iron Glass. When the colours that are chosen stay true while safety and security are withheld.

CE certified 17.52mm low iron toughened laminated safety glass by [JIMY Glass](#)



Performance data

Material Performance	SGP	PVB	Standard
Density (g/cm ³)	0.95	1.07~1.08	ASTM D-792
Coefficient of linear expansion (°C ⁻¹)	10~15x10 ⁻⁵ (-20°C ~32 °C)	4x10 ⁻⁴	ASTM D-696
Tensile strength (Mpa)	34.5	20	ASTM D-638
Tear strength (Tear energy) (MJ/m ³)	50	10-15	ASTM D-638
CSS (Mpa)	>20.7		Du Pont
Elongation (%)	400	275 (ASTM D-412)	ASTM D-638
HDT @ 66 PSI	43°C		ASTM D-696
Haze	<2%	<2	
YID %	<2.5	10-15	(interlayer)
Refractive index	1.5	1.47~1.5	
UV cutoff wavelength (nm)	310	380	
UV screening (%) 3C+0.38+3C	99.98	99.98	

Laminated Glass Workshop



Laminated Glass Safety Packing

