

Excellent 10mm+2.28PVB+10mm clear frosted toughened laminated glass for exterior curtain wall manufacturers.



What is 10mm+2.28PVB+10mm clear frosted toughened laminated glass?

10mm+2.28PVB+10mm clear frosted toughened laminated glass is using a 10mm frosted toughened glass and one panel of 10mm clear toughened glass laminated by a “PVB” interlayer. The frosted glass is undergoing either an acid-etching process or sandblasting process to get a frosted obscure effect. For the difference between the acid-etching and sandblasting processes, you can check [this article](#).

The lamination undergoing a high temperature and high pressure in an autoclave finally result in permanent combinations of the glass and PVB material. Of course, if you need to ensure higher strength and better safety, you can adopt an [SGP interlayer](#). But if you need to have mesh or wire to be laminated inside the laminated glass, you could use [EVA interlayer](#), normally this will be adopted in interior designs products.



Sandblasting glass for frosted effect.

Features:

1. **Safety function:** frosted toughened laminated glass is frosted safety glass. When the glass panels are damaged, the broken pieces will not spread away, it will remain in a whole panel preventing penetration;
2. **Soundproofing function:** PVB interlayer can prevent sound

transmission. Therefore the toughened laminated glass can effectively stop the noise getting through. Especially low-frequency noise;

3. **Anti-UV lights:** PVB toughened laminated glass can almost 100% stop the UV light coming through. Therefore it can protect valuable furniture, curtains, showcases from fading colors;
4. **Decoration function:** PVB can be any colors. You can use red, blue, green, purple, pink, etc color for decoration, or combine with coating, ceramic frit printing process to further its decoration;
5. **Security features:** normal tools such as hammers, iron sticks cannot break the toughened laminated glass. Therefore it has anti-theft function.

Specifications:

- **Production name:** 10mm+2.28PVB+10mm clear frosted toughened laminated glass;
- **Glass thickness:** 3~19mm;
- **Max size:** 3200*12000mm;
- **PVB thickness:** multiple of 0.38mm;
- **PVB colors:** clear, frosted, red, blue, green, pink, golden, etc;
- **Other options of the interlayer:** SGP, EVA;
- **Applications:** doors, windows, facade, skylights, canopies, railings, floors, staircase, etc;
- **Production time:** 7~15 days;
- **Packing:** Strong plywood crates;
- **Samples:** free sample available in 5 days;
- **Quality:** Subject to CE/CCC/SGCC/AS/ISO9001, etc.

Quality:


- Frosted laminated glass subject to CCC;
- Frosted laminated glass subject to SGCC;

- Frosted laminated glass subject to AS/NZS2208;

Etc.

Soundproofing functions:

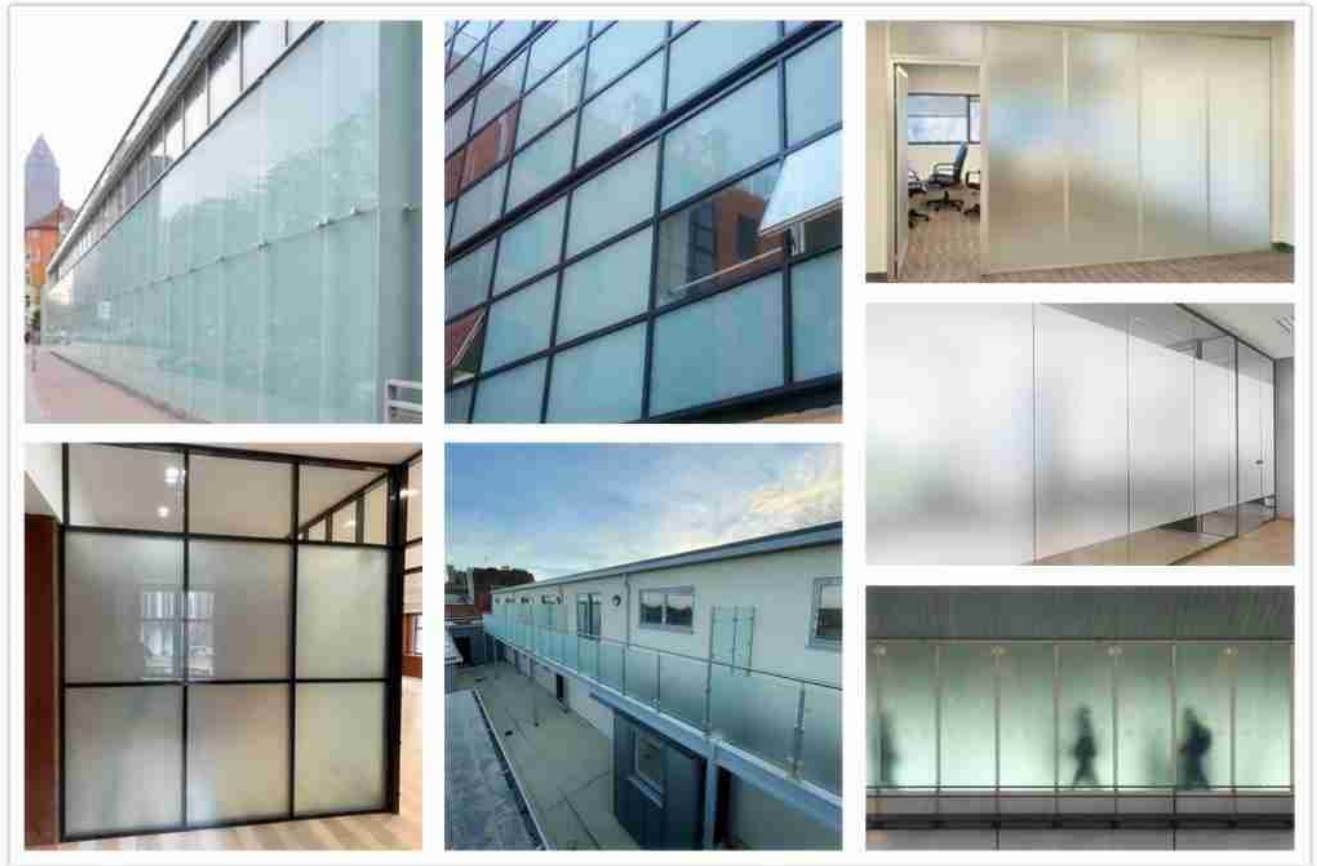
Toughened laminated glass has a super good soundproofing function because PVB can stop the noise transmission. If you need a quiet restroom or office room, PVB toughened laminated glass will be a good choice!

 焱龙玻璃 DRAGON GLASS		Soundproofing Performance Data																		
Glass structure	Glass configuration	Noise frequency(HZ)																		STC
		100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	
Monolithic	6	23	25	25	24	28	26	29	31	33	34	34	35	34	30	27	32	37	31	31
Laminated glass	6.38	27	23	27	24	27	28	29	31	33	35	35	35	33	31	32	37	41	45	33
	12.76	25	29	28	30	33	33	34	36	37	37	37	36	37	41	45	48	51	53	38
	13.52	26	29	28	30	33	33	35	36	37	38	38	37	38	41	44	47	51	54	39

Soundproofing function of toughened laminated glass

Applications:

10mm+2.28PVB+10mm clear frosted toughened laminated glass can be used as a facade, glass walls, skylights, dividers, etc.



Frosted toughened laminated glass applications

Production details:



Frosted safety glass

Certifications:



Certifications.

Packing details:



Strong plywood crates packing and delivery.

[Shenzhen Dragon Glass](#) is one of the best frosted laminated glass manufacturers in China. We have high automatic and advanced machines and production plants. We adopt the top quality float glass material and the best PVB interlayer together with the complete vacuum and high-pressure technologies, which can ensure providing excellent quality and complicated structural laminated glass for the clients. We exported our toughened laminated glass to clients around the world. Welcome to [contact us](#) now for your new projects!