Brand: CNCGLASS

Company: CNC Ucolin Interlayer Technology Co., Ltd.

Address: SHENZHEN, GD, CHINA

Peter Lin | cnc@cncGlass.com | WhatsApp/Mobile +86 15013829504 | WeChat wecan365 | www.cncglass.com

TECHNICAL NOTE

SGP Ionoplast Laminated Glass Impact Classification Class A per BS 6206:1981

By Peter Lin

CNCGLASS · Why BS 6206 Class A still appears in specs

Many legacy UK and Commonwealth glazing specs still cite BS 6206 impact classes. This article restates a Class A result for CNCGLASS ionoplast laminated glass tested as 8 mm annealed + 1.52 mm ionoplast + 8 mm annealed.

Tech note (public method context): BS 6206:1981 defines impactor drop heights of 305 mm, 457 mm and 1,219 mm. Class A is the highest classification under that soft-body impact scheme.

CNCGLASS · Product and specimen

Panel type: laminated glass, 8 mm annealed glass + 1.52 mm ionoplast interlayer + 8 mm annealed glass. Specimen size 865 ± 3 mm × 1930 ± 3 mm; measured thickness about 17.53–17.55 mm. Test date 18 October 2017; report HZR17J06-1A.

CNCGLASS · Method and observed classes

Drop height	Observed behaviour (4 pieces)	Interim class
305 mm	No breakage on all pieces	C
457 mm	No breakage on all pieces	B
1,219 mm	One no-break; three break safely*	A

*Break safely: both annealed plies cracked with numerous cracks, but no shear opening; detached particles within the mass limits of BS 6206 clause 5.3.b.

Overall conclusion: material tested to BS 6206:1981 is classified Class A.

CNCGLASS · What this means for glaziers and buyers

- Class A evidence supports safety-glass conversations where BS 6206 is still referenced.
- Annealed plies can crack and still pass when the ionoplast holds the pane safely—specify the full stack.
- Prefer EN 12600 language on new European projects; keep BS 6206 packets for legacy specs.

CNCGLASS · Contact

Brand: CNCGLASS

Company: CNC Ucolin Interlayer Technology Co., Ltd.

Address: SHENZHEN, GD, CHINA

Contact: Peter Lin

Email: cnc@cncGlass.com

WhatsApp / Mobile: +86 15013829504

WeChat: wecan365

Website: www.cncglass.com