

Brand: CNCGLASS

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TECHNICAL NOTE

SGP Ionoplast Laminated Glass Shot-Bag Impact Performance Class II-1 per GB 15763.3

By Peter Lin

CNCGLASS · Why shot-bag classification matters

Building codes often ask for laminated glass impact classification under a shot-bag (soft-body) strike. This article restates a Class II-1 shot-bag campaign on CNCGLASS SGP ionoplast laminated glass.

Tech note (public method context): GB 15763.3 sets laminated-glass safety requirements for buildings in China, including shot-bag impact performance levels used on large panels.

CNCGLASS · Product and specimen

Build-up (as tested)

6 mm glass + 0.76 mm ionoplast interlayer + 6 mm glass (finished about 12.76 mm). Clear structural safety laminate intended for building use.

Specimen geometry and quantity

Twelve panels at 1930 × 864 × 12.76 mm. Samples received December 2018; report issued January 2019.

CNCGLASS · Method and judgment

Test item: shot-bag impact performance. Target classification: II-1. Judgment basis: GB 15763.3-2009 for the tested items.

CNCGLASS · Observed results

Set conclusion: the submitted laminate specimens meet GB 15763.3-2009 requirements for the shot-bag impact items covered, at Class II-1 as declared for the product.

Item	Declared / observed	Judgment
Shot-bag class	II-1	Meets tested requirements
Panel size	1930 × 864 × 12.76 mm	As submitted
Interlayer	0.76 mm ionoplast (SGP family)	As built

CNCGLASS · What this means for glaziers and buyers

- Class II-1 soft-body impact evidence supports building laminated-glass conversations in GB markets.
- Large-panel geometry matters: quote the tested size when buyers compare impact classes.
- Combine shot-bag data with heat, humidity, ball-impact, and optical packages as needed.

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Ask CNCGLASS for SGP ionoplast interlayer film, laminated-glass process support, and specimen data sheets.