Brand: CNCGLASS

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TECHNICAL NOTE

SGP Ionoplast Laminated Glass Multi-Item Building Safety Checks per GB 15763.3: Humidity, Radiation, Heat, and Falling-Ball

By Peter Lin

CNCGLASS · One building code, several durability + impact items

GB 15763.3 campaigns often bundle humidity, short radiation, heat resistance, and falling-ball peel into one laminated-glass report. This article restates report WT2018E09A01216 for CNCGLASS SGP ionoplast laminated glass.

Tech note (public method context): GB 15763.3-2009 is the Chinese building laminated-glass product standard. Clause groups cover humidity, radiation, heat (boil-style), and falling-ball impact peel among other items.

CNCGLASS · Product and specimen

Laminated glass with ionoplast interlayer, finished thickness about 12.76 mm. Humidity/radiation/heat coupons 300 × 300 × 12.76 mm; falling-ball coupons 610 × 610 × 12.76 mm.

CNCGLASS · Observed item results

Item	Key condition	Result
Humidity resistance	Per GB 15763.3 humidity item	Complies
Radiation resistance	100 h class item in this packet	Complies
Heat resistance	100 °C / 2 h boil-style hold; 3/3 no change	Complies
Falling-ball impact peel	1040 g ball; 3000–3800 mm; interlayer not exposed	Complies

Falling-ball detail: samples about 12.44–12.49 mm thick; after impact, one or both glass plies may crack while the interlayer remains unbroken and unexposed—judgment conforms for the set.

CNCGLASS · What this means for glaziers and buyers

- This multi-item packet is a strong GB-market starting binder for clear ionoplast laminates.
- Note the radiation duration here (100 h item) differs from the separate 2000 h radiation article—cite the correct one.
- Falling-ball peel is not the same as shot-bag soft-body class; keep both if the code asks.

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