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**NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC
OF CHINA**

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GB 15763.3-2009

Replace GB 9962-1999

**Safety Glazing Materials in Building - Part 3:
Laminated Glass**

建筑用安全玻璃 第3部分：夹层玻璃

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Foreword

Sections 6.7~6.11 of this part are compulsory, and the rest are voluntary.

"Safety Glazing Materials in Building" (GB 15763) is divided into 4 parts:

- Part 1: Fire-resistant Glass;
- Part 2: Tempered Glass;
- Part 3: Laminated Glass;
- Part 4: Heat Soaked Thermally Tempered Glass;

This is Part 3 of GB 15763.

The consistent degree of this part is not equivalent to "Glass in Building - Laminated Glass and Laminated Safety Glass - Part 1: Definitions and Description of Component Parts" (EN ISO 12543-1: 1998), "Glass in Building - Laminated Glass and Laminated Safety Glass - Part 2: Laminated Safety Glass" (EN ISO 12543-2: 2006), "Glass in Building - Laminated Glass and Laminated Safety Glass - Part 3: Laminated Glass" (EN ISO 12543-3: 1998), "Glass in Building - Laminated Glass and Laminated Safety Glass - Part 4: Test Methods for Durability" (EN ISO 12543-4: 1998), "Glass in Building - Laminated Glass and Laminated Safety Glass - Part 5: Dimensions and Edge Finishing" (EN ISO 12543-5: 1998), "Glass in Building - Laminated Glass and Laminated Safety Glass - Part 6: Appearance" (EN ISO 12543-6: 1998), and "Glass in Building - Pendulum Test - Impact Test Method and Classification for Flat Glass" (BS EN 12600: 2002); and this part makes references to "Safety Glazing Materials in Buildings" (AS/NZS 2208: 1996/Amdt 1: 1999) and "Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test" (ANSI 97.1: 2004).

This part replaces "Laminated Glass" (GB 9962-1999). Compared with "Laminated Glass" (GB 9962-1999), the main changes in this part are as follows:

- The definition (Section 3.5 in this part) of laminated glass was modified; the definition (Section 3.6 in this part) of laminated safety glass was added;
- The requirements for "appearance quality" and "permissible dimension deviation" (Sections 6.1 and 6.2 in this part) were modified;

- The technical index for “radiation resistant performance” (Section 6.9 in this part) was modified;
- The requirements and test methods for “shot-bag impact performance” (Sections 6.11 and 7.12 in this part) were modified;
- The performance test methods of “heat resistance test” (Section 7.8 in this part) were modified;
- The "usage suggestion for safety glazing materials in building" (Annex A in this part) and "frame calibration of shot-bag impact classification test" (Annex E in this part) were added.

Annexes B, C and D of this part are normative and Annexes A and E are informative.

This part was proposed by China Building Materials Federation.

This part is under the jurisdiction of National Technical Committee on Glass in Building of Standardization Administration of China.

Chief drafting organizations of this part: China Building Materials Academy, China Building Materials Test and Certification Center and Qinhuangdao Glass Industry Research and Design Institute.

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The previous editions of the standards replaced by this part are as follows:

- GB 9962-1988 and GB 9962-1999.

Safety Glazing Materials in Building –

Part 3: Laminated Glass

1 Scope

This part specifies the terms and definitions, classification, material, requirements, test methods and inspection rules of laminated glass in building.

This part is applicable to the laminated glass in building.

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 308 Rolling Bearings - Steel Balls

GB/T 531 Rubber, Vulcanized - Determination of Shore A Hardness

GB/T 1216 External Micrometer

GB/T 5137.2-2002 Test Methods of Safety Glazing Materials Used on Road Vehicles - Part2: Optical Properties Tests

GB/T 5137.3-2002 Test Methods of Safety Glazing Materials Used on Road Vehicles - Part3: Radiation, High Temperature, Humidity, Fire and Simulated Weathering Resistance Tests

GB/T 9056 Metal Ruler

GB 15763.2-2005 Safety Glazing Materials in Building - Part 2: Tempered Glass

JC/T 511 Patterned Glass

JC/T 512 Packaging of Automobile Safety Glass

JC/T 677 Test Method to Model Wind Pressure for Architectural Glass under the Uniform Static Loads



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