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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA 844-2018

Forced entry resistant transparent material

防砸透明材料

(English Translation)

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Foreword

The full technical content of this standard is mandatory.

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GA 844-2009 "General Technical Requirements for Anti-mite Composite Glass", compared with GA 844-2009, except for editorial modifications.

In addition, the main technical contents are revised as follows.

--- Modified the standard name;

--- Add and modify some terms and definitions (see 3.1, 3.2, 3.1 of the 2009 edition);

--- Increased product classification (see 4.1);

--- Revised the flood control performance rating (see 4.2, 4.2 and 5.4 of the 2009 edition);

--- Revised the classification and requirements for environmental adaptability (see 4.3 and 5.6, 5.5 of the 2009 edition);

---Modified product code (see 4.4, 4.1 version of 2009);

--- Increased marking requirements (see 5.2);

--- Revised the light transmittance (see 5.4, 5.3 of the 2009 edition);

---Modified test methods (see Chapter 6 and Appendix A, Chapter 7 of the 2009 edition);

---Modified inspection rules (see Chapter 7, Chapter 8 of the 2009 edition);

--- Revised the requirements for marking, packaging, transportation and storage (see Chapter 8, Chapter 9 of the 2009 edition).

This standard was proposed by the Ministry of Public Security Science and Technology

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Information Bureau.

This standard is sub-technical committee of the National Security and Alarm System Standardization Technical Committee Physical Protection Equipment (SAC/TC100/SC1).

This standard was drafted. Ministry of Public Security Safety and Police Electronic Product Quality Testing Center, Ministry of Public Security Safety and Alarm System Product Quality Supervision Supervise Inspection Center, Guangzhou Xinghua Glass Industry Co., Ltd.

1 Scope

This standard specifies the classification, and code of tamper-proof transparent materials, technical requirements, test methods, inspection rules, signs, packaging, transportation.

And storage.

This standard is applicable to the design, manufacture and inspection of transparent sheet materials such as anti-mite composite glass with anti-cracking performance requirements.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 2828.1. Sampling procedures for sampling by sampling - Part 1 . Batch-to-batch sampling plan, searched by AQL GB/T 5137.2-2002 Test methods for safety glass - Part 2. Optical performance test

3 Terms and definitions

The following terms and definitions apply to this document.

Anti-mite transparent material forcedentryresistanttransparentmaterial A board with anti-mite ability and light transmittance to meet certain requirements.

Impact face strikeface the tamper-proof transparent material first contacts the surface of the impact tool.

4.1 Classification

After the impact test of the anti-mite transparent material sample, the following classification is performed according to the state after the test.

a) Basic protection (P-type protection). cracks, openings or debris peeling on the back of the anti-mite transparent material, but not penetrating Hole

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b) Full protection (S-type protection). The anti-mite transparent material has a smooth surface, no cracks or openings, and no debris peeling off.

4.2 Flood prevention performance classification

The anti-mite transparent material is classified according to the anti-caries ability, and the anti-caries performance classification is shown in Table 1.

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