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

GB/T 35604-2025

Replacing GB/T 35604-2017

Green product assessment - Building glass

绿色产品评价 建筑玻璃

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GB/T 35604-2017 "Green Product Evaluation of Architectural Glass". Compared with GB/T 35604-2017, except for the structural In addition to adjustments and editorial changes, the main technical changes are as follows.

- a) Added the term and definition of "relative heat gain" (see 3.2);
- b) Changed the relevant provisions in the "Basic Requirements" (see 4.1, 4.1 of the 2017 edition);
- c) Added "low carbon attribute" to the first-level indicator (see 4.2);
- d) Added evaluation index requirements for "green benchmark products" and "flat glass" (see Table 1);
- e) Deleted the evaluation index requirements of "recyclable material utilization rate of packaging materials" and "3A molecular sieve" in resource attributes (see 2017 edition Tables 1 to 3 and Appendix B) of the 2016 Solid Waste Recovery Rate Evaluation Index

(see Table 1);

f) Added the evaluation index requirements for "emission limits of air pollutants" (see Table 1);

g) Added evaluation index requirements for "heat resistance" and "radiation resistance" of laminated glass (see Table 1);

h) Deleted the "baking test" for laminated glass and the evaluation index requirements for "surface stress" of tempered glass (see Table 1~2017 edition). Table 2, Appendix D);

i) Added evaluation index requirements such as "dew point" and "visible light transmittance deviation" for insulating glass (see Table 1);

j) Changed the evaluation index requirements for "resource attributes", "energy attributes", "environmental attributes" and "quality attributes" (see Table 1, Appendix A, 2017 Tables 1 to 3, Appendix A, and Appendix B of the version);

k) Added "encouraging requirements" (see 4.3);

l) The "Evaluation Method" has been changed (see Chapter 5, Chapter 5 of the 2017 Edition);

m) The standard environmental conditions in Appendix B have been changed (see Table B.1, Table E.1 of the 2017 edition);

n) The light and heat performance requirements of insulating glass have been changed (see Appendix D and Appendix F of the 2017 edition).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was jointly proposed by the China Building Materials Federation and the National Green Product Evaluation Standardization General Group.

This document is under the jurisdiction of the National Technical Committee for Standardization of Architectural Glass (SAC/TC255).

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This document was first published in 2017 and this is the first revision.

1 Scope

This document specifies the evaluation requirements and methods for the green product evaluation of architectural glass.

This document is applicable to the green product evaluation of flat glass, tempered glass, laminated glass and insulating glass for architectural use.

2 Normative references

GB/T 2680

GB 11614

GB/T 11944

GB 12348

GB/T 15763.2

GB/T 15763.3

GB/T 18144

GB 18597

GB 18599

GB/T 18915.1

GB/T 18915.2

GB/T 18916.63

GB/T 19001

GB 21340

GB/T 22476

GB/T 23331

GB/T 24001

GB 26453

GB/T 32020

GB/T 33761

GB/T 38586

3 Terms and definitions

The terms and definitions defined in GB/T 33761 and the following apply to this document.

3.1

Under standard working conditions, the energy saving ratio achieved by using green architectural glass compared to 3mm ordinary flat glass.