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

GB/T 23450-2024

Replacing GB/T 23450-2009

Heat preservation panels for partition wall used in buildings

建筑隔墙用保温条板

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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 is required.

This document replaces GB/T 23450-2009 "Thermal insulation strips for building partition walls". Compared with GB/T 23450-2009, except for the structural adjustment Besides the editorial changes, the main technical changes are as follows.

a) The definition of "insulating strips for building partition walls" has been changed (see 3.1, Chapter 3 of the 2009 edition);

b) Added the classification and diagram of insulation strips, added thicknesses of 180 mm and 200 mm in Table 1, and added the corresponding thicknesses of 180 mm and 200 mm in Table 4.

Technical requirements should be added (see 4.1, 4.2, 4.3, 6.3);

c) The requirements for raw materials have been changed (see Chapter 5, 5.1 of the 2009 edition);

d) Change "flexural load" to "flexural failure load" (see Table 4, Table 4 of the 2009 edition);

e) The technical indicator of "heat transfer coefficient" has been changed (see Table 4, Table 4 of the 2009 edition);

f) The indicator requirements for "Radionuclide Limits" have been modified (see 6.4, 5.5 of the 2009 edition);

g) Changed the "Appearance quality, dimensional tolerance, surface density, compressive strength, softening coefficient, moisture content, impact resistance, drying yield" Shrinkage and frost resistance" (see 7.1, 7.2, 7.3.1, 7.3.3, 7.3.4, 7.3.5, 7.3.6, 7.3.7, 7.3.9, 2009 edition) 6.2, 6.3, 6.4.6, 6.4.3, 6.4.4, 6.4.5, 6.4.1, 6.4.7, 6.4.9);

h) Added "Bending failure load test method" and "Hanging force test method" (see Appendix A and Appendix B).

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 is proposed by China Building Materials Federation.

This document is under the jurisdiction of the National Technical Committee for Standardization of Building Materials for Walls, Roofs and Roads (SAC/TC 285).

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This document was first published in 2009 and this is the first revision.

Insulation strips for building partition walls

1 Scope

This document specifies the classification, specifications, dimensions, diagrams and markings, and the original Materials, technical requirements, test methods, inspection rules, marking, certificate of conformity, transportation and storage.

This document applies to the design, production, inspection and application of thermal

insulation strips for non-load-bearing partition walls in industrial and civil buildings.

2 Normative references

GB 175

GB/T 1596

GB/T 2828.1

GB 6566

GB 8076

GB 8624

GB/T 9775

GB/T 9978.1

GB/T 10801.1

GB/T 10801.2

GB/T 11835

GB/T 13475

GB/T 14684

GB/T 14685

GB/T 17431.1

GB/T 18046

GB/T 18968

GB/T 19889.3

GB/T 20472

GB/T 25176

GB/T 25177

GB/T 30100