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

GB/T 45592-2025

**General requirements for building materials products
traceability system**

建筑材料产品追溯体系通用要求

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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.

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.

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General requirements for traceability system of building materials products

1 Scope

This document specifies the general principles, structure, process, and procedures of the traceability system for building materials products (referred to as "building materials products").

System requirements and traceability system management requirements.

This document applies to the design, development, application and management of building materials product traceability systems.

2 Normative references

GB/T 15425

GB/T 18284

GB/T 18347

GB/T 21049

GB/T 36365

GB/T 38157

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Traceability

Activities that track and trace the history, application or location of an object through recording and identification.

Note. Traceability includes tracking and tracing.

[Source. GB/T 38155-2019, 2.2].

3.2 Traceability system

Support the maintenance of products and their ingredients throughout the supply chain or part of the production and use of the desired acquisition, including product history, application A set of continuous elements that are interrelated or interact with each other,

such as information such as location.

[Source. GB/T 38155-2019, 2.9]

3.3 Traceability system

Based on traceability codes, file records, related hardware and software equipment and communication networks, modern information management can be achieved and product traceability process can be obtained Integration of relevant data in.

[Source. GB/T 38155-2019, 2.6]

3.4 traceability unit

Individual products or batches of products that need to be recorded, identified and traced for their history, application or location