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

GB/T 15762-2020

Replacing GB 15762-2008

Autoclaved aerated concrete slabs

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 15762-2008 "Autoclaved Aerated Concrete Slab", compared with GB/T 15762-2008, except for editorial changes. In addition, the main technical changes are as follows:

- Added "Terms and Definitions, Symbols" (see Chapter 3);
- Modified the symbol code of the autoclaved aerated concrete slab (see 4.1.1, 3.1.1 of the 2008 edition)
- Canceled the strength level A 7.5 and dry density level B08 (see 4.1.2, 4.3.2 of the 2008 edition);
- Added the classification according to the allowable value of bearing capacity and the allowable value of commonly used bearing capacity (see 4.1.3);
- Modified common specifications (see 4.2.1, 3.2 in 2008 edition);
- The length-to-thickness ratio limit has been increased (see 4.2.2);
- Added "General Provisions" (see Chapter 5);

---Partially revised the raw material implementation standard requirements (see 5.1, 4.1 of the 2008 edition);

1 Scope

GB/T 15762-2020 is the Chinese national standard on autoclaved aerated concrete slabs, in the field of construction materials and building. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 29 September 2020 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 August 2021. Classification: ICS 91.100.30, CCS Q14. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the classification, specifications and markings, general regulations, requirements, inspection methods, inspection rules, signs, and markings of autoclaved aerated concrete slabs. Transportation and storage, and product certification. This standard applies to autoclaved aerated concrete slabs used in civil and industrial buildings.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article. For undated references, the latest version (including all amendments) applies to this document.

GB 175 General Portland Cement

GB/T 701 Low carbon steel hot rolled round wire rod

GB/T 1499.1 Steel for reinforced concrete Part

3 Terms and definitions, symbols

3.1 Terms and definitions The following terms and definitions apply to this document.

3.1.1 Autoclaved aerated concrete; AAC Using siliceous materials and calcium materials as the main raw materials, adding gas-generating agents and other adjusting materials, pouring, gas-gassing and cutting Porous light silicate building products made by cutting, autoclaved curing and other processes.

3.1.2 In the production of autoclaved aerated concrete, it is equipped with prefabricated plates of steel mesh cages or steel meshes treated with anti-rust coating.