

ICS 91.060.20

CCS P32



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

GB/T 16728-2007

Replacing GB 16728-1997

Prestressed concrete ribbed roof slabs

预应力混凝土肋形屋面板

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

From the date of implementation of this standard instead of GB 16728-1997 "prestressed concrete ribbed roof." This standard compared with GB 16728-1997, the main changes are as follows:

- The standard model is only standard plate make provisions.
- Longitudinal reinforcement rib protective layer thickness to 25mm.
- Longitudinal rib reinforcement prestressing steel types do not make specific provisions, and selected by the user applies to the ribbed roof and in line with national standards Prestressing steel types. The Standard Appendix A, Appendix B are informative appendices. The standard proposed by the People's Republic of China Ministry of Construction. This standard is under the jurisdiction of the Ministry of Construction building products Standardization Technical Committee on products and components and parts. This standard was drafted. China Building Standard Design and Research Institute, Beijing elm Zhuang plant components. The main drafters of this standard. Wu Yanyan, Chen You , Taomeng Lan, Luo Branch, Wang Hongtao. This standard replaces the standards previously issued as follows:
 - GB 16728-1997. Prestressed concrete ribbed roof

1 Scope

GB/T 16728-2007 is the Chinese national standard on prestressed concrete ribbed roof 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 11 September 2007 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2008. Classification: ICS 91.060.20, CCS P32. 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 prestressed concrete ribbed roof (the longitudinal ribs of the load-bearing roof) of classification and labeling requirements, testing, inspection party Method, inspection rules, marking, stacking and transport, product certification. This standard applies to industrial buildings roof 6m span in laying a waterproof layer, using the first-tensioned prestressed concrete ribbed roof Board (hereinafter referred to as plate), including the roof, cornice boards, panels, panel cornice board. Ordinary concrete ribbed roof can refer to use. Civil construction The ribbed roof building can use and reference.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, it should be encouraged to use the standard parties, investigate The latest version of the following criteria possibility. For undated reference documents, the latest versions apply to this standard.

GB 175 Common Portland Cement

GB/T 700 carbon structural steel

GB 701 low carbon steel hot rods

GB 1499 reinforced concrete rolled ribbed bar

GB/T 5223 prestressed concrete steel wire

GB 8076 concrete admixture

GB 13013 reinforced concrete rolled plain bars

GB 13014 reinforced concrete reinforced with heat treatment

GB 13788 cold rolled ribbed bar

GB/T 14981 hot rod size, shape, weight and tolerance

GB 50010 Design of Concrete Structures

GB/T 50081 mechanical properties of ordinary concrete test method standards

GB 50119 concrete admixture technical specifications

3.1 Classification

3.1.1 The board is divided into roof, cornice boards, panels, panel cornice board four categories.

3.1.2 various types of code and the main board Size comply with Table 1.

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