

Translated English of Chinese Standard: GB/T 9775-1999
www.ChineseStandard.net
Sales@ChineseStandard.net

ICS 91.100.10

Q 62

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

GB/T 9775-1999

Gypsum plasterboard

纸面石膏板

Replaced (by GB/T 9775-2008)

GB/T 9775-1999 How to BUY & immediately GET a full-copy of this standard?

1. www.ChineseStandard.net;
2. Search --> Add to Cart --> Checkout (3-steps);
3. No action is required - Full-copy of this standard will be automatically & immediately delivered to your EMAIL address in 0~25 minutes.
4. Support: Sales@ChineseStandard.net. Wayne, Sales manager

Issued on: February 08, 1999

Implemented on: August 01, 1999

Issued by: State Bureau of Quality Technical Supervision

Table of Contents

Foreword.....	3
ISO Foreword.....	5
1 Scope	6
2 Definitions.....	6
3 Product classification.....	7
4 Technical requirements.....	9
5 Test methods	11
6 Inspection rules	20
7 Marking	21
8 Packaging, transport, and storage.....	21

Foreword

This Standard equivalently adopts the international standard ISO 6308:1980 "Gypsum plasterboard - specification", modifies the national standard GB/T 9775-1988 "Ordinary gypsum plasterboard", AND incorporates the contents of JC/T 801-1989 (1996) "Water resistant gypsum plasterboard" (original standard number GB 11978-1989) and JC/T 802-1989 "Fire resistant gypsum plasterboard" (original standard number GB 11979-1989).

The differences between this standard and ISO 6308 are as the following: in this standard, ADD the types AND corresponding technical indicators & test methods of the water resistant plasterboard and fire resistant gypsum plasterboard; ADD the diagonal length difference, bond of covering paper and gypsum core, and unit area mass indicator; ADJUST the sheet thickness from 12.5 mm to 12.0 mm; ADD the inspection rules, marking, packaging, transport, storage and so on.

As compared with this standard's prevision version, the important technical changes of this standard are as the following: ADJUST the sheet thickness from 9.0 mm to 9.5 mm; DELETE the grading; DELETE the moisture indicator; ADD the diagonal length difference, water resistant gypsum plasterboard's water absorption rate, and fire resistant gypsum plasterboard's fire stability indicators; ADJUST some indicators.

In 1993, the national standards were screened and re-organized in China, GB 9775-1989 was adjusted to GB/T 9775-1988, GB 11978-1989 was adjusted to JC/T 801-1989 (1996), AND GB 11979-1989 was adjusted to JC/T 802-1989 (1996). The adjusted standards were not issued again, AND their contents are same with those of the original standards.

This standard, from the date of implementation, replaces GB/T 9775-1988, JC/T 801-1989 (1996) and JC/T 802-1989 (1996).

This standard was proposed by the State Construction Materials Industry Administration.

The standard shall be under the jurisdiction of the National Light and Decorative Building Materials Standardization Technical Committee.

This standard was responsibly drafted by China New Construction Materials Industry Hangzhou Design & Study Institute; the participating drafting organizations of this standard include Beijing New Building Materials (Group) Co., Ltd., Beijing Light Construction Materials Co., Ltd., Harbin New Building Materials General Factory, Shandong Taihe Taishan Gypsum Plasterboard

National Standard of the People's Republic of China

GB/T 9775-1999

eqv ISO 6308:1980

Replacing GB/T 9775-1988

Gypsum plasterboard

1 Scope

This standard specifies the technical requirements, test methods, inspection rules, marking and packaging, transport and storage of gypsum plasterboard.

This standard is applicable to the gypsum plasterboard which is used as the unloaded interior wall AND ceiling in building; it is not applicable to the gypsum plasterboard after secondary processing.

2 Definitions

This standard adopts the following definitions.

2.1 Edges

It refers to the paper-covered longitudinal edge.

2.2 Ends

It refers to the cutting edge perpendicular to the edges.

2.3 Face

It refers to the sheet surface at the covering paper side without overlapping.

2.4 Back

It refers to the sheet surface at the covering paper side with overlapping.

2.5 Length

It refers to the dimension of the sheet parallel with the edges.

2.6 Width

It refers to the dimension of the sheet perpendicular to the edges.

2.7 Thickness

It refers to the vertical distance between the face and the back of the sheet.

3 Product classification

3.1 Classification

3.1.1 The gypsum plasterboard, based on its application, is divided into three types: ordinary gypsum plasterboard, water resistant gypsum plasterboard AND fire resistant gypsum plasterboard.

3.1.1.1 Ordinary gypsum plasterboard (code P)

It is a building sheet which uses the building gypsum as the main raw material, mixed with appropriate light aggregate, fiber reinforced materials, and additives to constitute the core material, AND firmly bonded with the covering paper.

3.1.1.2 Water resistant gypsum plasterboard (code S)

It is a building sheet of low moisture absorption rate, which uses the building gypsum as the main raw material, mixed with appropriate fiber reinforced materials and water resistant additives to constitute the water resistant core material, AND firmly bonded with the water resistant covering paper.

3.1.1.3 Fire resistant gypsum plasterboard (code H)

It is a building sheet which uses the building gypsum as the main raw material, mixed with appropriate light aggregate, inorganic fire resistant fiber reinforced materials and additives to constitute the fire resistant core material, AND firmly bonded with the covering paper to improve the core material binding force under high temperature.

3.1.2 The gypsum plasterboard edge shape is divided into rectangular, chamfer, wedge, and round shape (see Figure 1 ~ 4); AND it also can, based on the user's requirements, produce the plasterboard of other edge shapes.

From each batch of products, randomly TAKE five sheets as a set of samples.

6.4 Judgment rules

6.4.1 With respect to such quality indicators of the sheet as appearance quality, dimensional deviation, diagonal length difference, wedge edge cross-sectional dimension, and bond performance of covering paper and gypsum core, etc, if any one of the aforementioned indicators is disqualified, this sheet is disqualified sheet. If in the five sheets, the quantity of the disqualified sheet is more than one, this product is judged as disqualified product.

6.4.2 With respect to such quality indicators of sheet as breaking load, water absorption rate, surface water absorption amount, unit area mass, and fire stability, etc, all of the five sheets shall be qualified, otherwise this batch of products will be judged as disqualified.

6.4.3 With respect to the batches which are judged as disqualified in accordance with 6.4.1 and 6.4.2, it is allowed to re-take another two sets of samples to conduct re-test for the disqualified items. The judgment rules for the retest results are same as those in 6.4.1 and 6.4.2.

If the two sets of samples are qualified, then this batch of products are judged as qualified; if there is still one set of samples are disqualified, then this batch of products will be judged as disqualified.

7 Marking

The products shall be marked as follows:

- a) Product name, product reference standard code, trademark;
- b) Manufacturer name and the detailed address of the enterprise;
- c) Product type code, specification, quantity;
- d) On the product packaging material, it shall mark the receiving & delivery signs, packaging, transport and storage graphic signs, AND moisture-proof signs, etc.

8 Packaging, transport, and storage

8.1 Packaging

The ex-factory of packaged products shall have moisture-proof measures; AND each packaging shall be accompanied with the product certificate and packing list.

8.2 Transport

The products shall, during transport, be gently handled to avoid the sheet from being damaged or damped.

8.3 Storage

The sheets shall, based on different specifications, be stacked indoor in categories and horizontally. The stacking yard shall be solid, level, and dry. During stacking, it shall use the base plate to separate the sheets from the ground, AND avoid the sheets from deformed during stacking.

_____ **END** _____

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----