

ICS 91.120.30

CCS Q 17



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

GB/T 328.8-2007

**Test methods for building sheets for waterproofing -- Part 8:
Bitumen sheets for waterproofing-tensile properties
(English Translation)**

Issued on: March 26, 2007

Implemented on: October 1, 2007

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China**

Table of Contents

Foreword...	3
2 Normative references...	6
3 Terms and definitions...	6
4 Principle...	7
6 Sampling...	7
7 Preparation of test specimens...	7
8 Procedure...	8
9 Expression of results, evaluation and precision of test method...	8
10 Test report...	9

Foreword

GB/T 328 Test methods for building sheets for waterproofing is divided into 27 parts.

- Part 1.Bitumen plastic and rubber sheets for waterproofing - Rules for sampling;
- Part 2.Bitumen sheets for waterproofing - Visible defects;
- Part 3.Plastic and rubber sheets for waterproofing - Visible defects;
- Part 4.Bitumen sheets for waterproofing - Thickness and mass per unit area;
- Part 5.Plastic and rubber sheets for waterproofing - Thickness and mass per unit area;
- Part 6.Bitumen sheets for waterproofing - Length width and straightness;
- Part 7.Plastic and rubber sheets for waterproofing - Length width straightness and flatness;
- Part 8.Bitumen sheets for waterproofing - Tensile properties;
- Part 9.Plastic and rubber sheets for waterproofing - Tensile properties;
- Part 10.Bitumen plastic and rubber sheets for waterproofing - Water tightness;
- Part 11.Bitumen sheets for waterproofing - Flow resistance at elevated temperature;
- Part 12.Bitumen sheets for waterproofing - Dimensional stability;

- Part 13. Plastic and rubber sheets for waterproofing - Dimensional stability;
- Part 14. Bitumen sheets for waterproofing - Flexibility at low temperature;
- Part 15. Plastic and rubber sheets for waterproofing - Foldability at low temperature;
- Part 16. Plastic and rubber sheets for waterproofing - Exposure to liquid chemicals including water;
- Part 17. Bitumen sheets for waterproofing - Adhesion of granules;
- Part 18. Bitumen sheets for waterproofing - Resistance to tearing (nail shank);
- Part 19. Plastic and rubber sheets for waterproofing - Resistance to tearing;
- Part 20. Bitumen sheets for waterproofing - Resistance to peeling of joints;
- Part 21. Plastic and rubber sheets for waterproofing - Resistance to peeling of joints;
- "Test conditions" is deleted (Clause 5 in Version 1989);
- "Definitions", "principle", "sampling" and "test report" are added (Clauses 3, 4, 6 and 10)

This Part was proposed by China Building Material Federation.

This Part shall be under the jurisdiction of National Light and Decorating Building Materials Standardization Technical Committee (SAC/TC 195);

The responsible drafting organizations of this Part. China Chemical Building Materials Corporation Suzhou Waterproofing Materials Research Institute AND Building Materials Industrial Technology Supervision and Research Center.

The participating drafting organizations of this Part. Beijing Building Materials Academy of Sciences Research, Zhejiang Building Materials Research Institute, CREC Sixth Engineering Bureau Beijing Railway Construction Co., Ltd. Panjin Yuwang Waterproof Building Material Group, Beijing Construction Partner Building Materials Co., Ltd., Hangzhou Lvdu Waterproof Materials Co, Ltd., Beijing Zhongxing Qingyun Building Materials Co, Ltd., Beijing Century Star Waterproof Materials Co., Ltd., Xuzhou Woniushan Thermal Insulation and Waterproof Technology Co., Ltd., Weifang Hongyuan Waterproof Materials Co., Ltd., Weifang Yuhong Waterproof Group, Shandong Jinyuwang Waterproof Materials Co., Ltd. AND Guangrao Xiangtai Waterproof Sheets Company.

1 Scope

This Part in GB/T 328 specifies the way of determining the tensile properties of bitumen sheets for waterproofing.

2 Normative references

The articles contained in the following documents have become the articles of this Part when they are quoted in this Part of GB/T 328. For the dated documents so quoted, all subsequent modifications (excluding corrections) or revisions made thereafter do not apply to this standard. However, the parties who reach an agreement according to this standard are encouraged to study whether the latest versions of these documents may be used. For the undated documents so quoted, the latest versions (including all modification sheets) apply to this document.

GB/T 328.1 Test methods for building sheets for waterproofing - Part 1. Bitumen plastic and rubber sheets for waterproofing - Rules for sampling

JJG 139-1999 Verification regulation of universal tension and compression testing machine

3 Terms and definitions

For the purpose of this document, the following terms and definitions apply to this Part of GB/T 328.

3.1 Maximum tensile force

The largest value of tensile force occurring during testing.

3.2 Elongation at maximum tensile force

Elongation of the test specimen occurring at the maximum tensile force.

3.3 Gauge length

The initial length, i.e. the distance between the grips or extensometer measuring points.

9.2 Precision of the test method

The precision of the test method is not specified.

10 Test report

The test report shall include at least the following information.

- a) All details necessary to identify the product tested;
- b) A reference to this Part in GB/T 328 and any deviation from it;
- c) Information of sampling in accordance with clause 6;
- d) Details of preparation of the test specimens in accordance with clause 7;
- e) The test results in accordance with 9.1;
- f) The date of the test.

.....