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

GB/T 37315-2019

**Basic requirements of bond performance of adhesives of
timber structures**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the redrafting method with reference to ISO .20152-1.2010 "Gluing properties of wood structural adhesives. Part 1. Basic requirements

Compilation, the degree of consistency with ISO .20152-1.2010 is non-equivalent.

1 Scope

This standard specifies the terms and definitions, requirements, inspection methods, determination of inspection results and inspection reports for the gluing properties of wood structural adhesives.

This standard applies to wood structural adhesives.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 6680 Liquid Chemical Product Sampling General

GB/T 14074-2017 Wood adhesive and its resin inspection method

GB/T 26899-2011 structural laminated timber

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Use environment serviceclass1

The temperature is not higher than 20 ° C, the relative humidity is not higher than 65%, or the environment where the relative humidity of the air exceeds 65% in a few weeks. in

In this environment, the annual average moisture content of most softwoods does not exceed 12%.

3.2

Use environment 2 serviceclass2

Temperature above 20 ° C, relative humidity above 65% but not more than 85%, or only a few weeks in a year, the relative humidity of the air exceeds 85%

environment of. In this environment, the annual average moisture content of most softwoods is higher than 12%, but not more than 20%.

3.3

Use environment 3 serviceclass3

The equilibrium moisture content of the wood is higher than that of the environment 2, such as the environment in which it is completely exposed to the outdoor atmosphere.

3.4

Median median

Arrange all the data from small to large, and arrange the number in the middle position. When the number of items of the variable value N is an odd number, in the middle position

The value of the variable is the median value; when N is even, the median value is the average of the values of the two variables in the middle position.

3.5

Lower quartile value lowerquartile

Arrange a set of data from small to large, just in the lower quarter.

4 requirements

The gluing properties of wood structural adhesives are to comply with the requirements of Table 1.