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

LY/T 3193-2020

Terminology of bamboo-based materials for engineering

竹质工程材料术语

(English Translation)

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Foreword

This standard is compiled in accordance with the rules given in GB/T 1.1-2009.

This standard was proposed and managed by the National Bamboo and Rattan Standardization Technical Committee (SAC/TC 263).

Drafting organizations of this standard. Research Institute of Wood Industry, Chinese Academy of Forestry, International Center for Bamboo and Rattan, International Organization for Bamboo and Rattan, Fujian Jixing Bamboo Industry Co., Ltd., Fujian Jinzhu Bamboo Industry Co., Ltd., Hangzhou Runzhu Technology Co., Ltd., Hongya Zhuyuan Technology Co., Ltd., Jiangxi Bamboo Branch Technology Co., Ltd., Nanjing Forestry University, Qingdao Guosen Machinery Co., Ltd., Shaoxing Zhonghe Bamboo and Wood Products Co., Ltd., Sichuan University, Taierjiao Adhesive (Guangdong) Co., Ltd., Xuancheng Hongyu Bamboo Industry Co., Ltd.

1 Scope

This standard specifies the common terms and definitions of bamboo engineering materials.

This standard applies to engineering construction materials made from bamboo as the main raw material.

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 document.

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

GB/T 18259-2018 Artificial board and its surface decoration terms GB/T 36394-2018 Bamboo Product Terminology

3.1 Unit term

3.1.1

Bamboo

The collective term for the different morphological units produced by the decomposition of bamboo stalks.

[GB/T 36394-2018, definition 2.1] 3.1.2 Bamboo culm the above-ground stems of bamboo plants.

[GB/T 36394-2018, definition 2.1.1] 3.1.3 Bamboo culm section the bamboo stalk has a certain length of unit after being crossed.

[GB/T 36394-2018, definition 2.1.7] 3.1.3.1 Half-split bamboo culm the bamboo tube is longitudinally divided into semicircular units.

3.1.3.2

Arc bamboo culm

The bamboo tube is longitudinally divided into arc-shaped units with a certain arc in section, usually 3 or 4 equal pieces of bamboo.

3.1.4

Bamboo split

The bamboo tube is divided longitudinally and has a narrow and long sheet with bamboo green and bamboo yellow.

[GB/T 36394-2018, definition 2.1.8] 3.1.5 Bamboo strip the bamboo slices are machined to form a strip-shaped bamboo slice with certain specifications and dimensions and a substantially rectangular cross section.

[GB/T 36394-2018, definition 2.1.9] 3.1.5.1 Rough planed bamboo strip After planing, bamboo green and yellow bamboo are basically removed, and bamboo strips with a certain size are removed.

[GB/T 36394-2018, definition 2.1.9.1] 3.1.5.2 Fine planed bamboo strip the rough planed bamboo strips are dried and precisely planed to reach the specified size and quality requirements.

[GB/T 36394-2018, definition 2.1.9.2] 3.1.5.3 Natural-coloured bamboo strip Bamboo strips with natural bamboo color.

[GB/T 36394-2018, definition 2.1.9.3] 3.1.5.4 Bleached bamboo strip Bamboo strips lightened by bleaching treatment.

[GB/T 36394-2018, definition 2.1.9.4] 3.1.5.5 Caramelised bamboo strip Bamboo strips with darkened color after heat treatment.

[GB/T 36394-2018, definition 2.1.9.5] 3.1.5.6 Finger-jointed bamboo strip A bamboo strip with certain specifications and dimensions formed by finger-joining along the length.

[GB/T 36394-2018, definition 2.1.9.6] 3.1.5.7 Flattened bamboo the bamboo tube is softened, expanded, and shaped into a sheet material.

[GB/T 36394-2018, definition 2.1.12] 3.1.6 Bamboo sliver A thin unit made by longitudinally splitting bamboo.

[GB/T 36394-2018, definition 2.1.10] 3.1.6.1 Radial bamboo sliver Bamboo strips formed by radially splitting bamboo slices.

3.1.6.2

Tangential bamboo sliver the bamboo strips are divided into the meridian direction.

3.1.7

Bamboo curtain

A curtain made of bamboos arranged in parallel and woven.

3.1.7.1

Bamboo sliver curtain A bamboo curtain woven from bamboo strips.

3.1.7.2

Bamboo bundle curtain A bamboo curtain woven from bamboo bundles.

3.1.7.3

Bamboo stick curtain A bamboo curtain woven from bamboo silk.

3.1.8

Bamboo mat

A mat made of interlaced bamboo strips.

[GB/T 36394-2018, definition 2.1.13] 3.1.9 Bamboo bundle the bamboo material is cross-linked and basically maintains the loose bundle unit of the original ordering mode of the fiber obtained by processing such as roll-compression decomposing.

3.1.9.1

Strip-type bamboo bundle the slender bamboo bundles are made from bamboo chips, bamboo strips and bamboo strips, the width of which is generally less than 10cm.

3.1.9.2

Sheet-type bamboo bundle Fiberized bamboo veneer Semicircular bamboo tubes and arc-shaped bamboo tubes make bamboo bundles with a certain width, the width of which is generally more than 10cm.

3.1.9.3

Natural bamboo bundle Bamboo bunches with natural bamboo color.

3.1.9.4

Caramelised bamboo bundle Bamboo bunches that have been heat-treated to darken the color 3.1.10 Bamboo stick A single bamboo chip or bamboo strip is processed into a slender unit with a similar width and thickness.

[GB/T 36394-2018, definition 2.1.16] 3.1.11 Bamboo particle Bamboo scraps the flaky, needle-like and granular units with a certain shape and size are formed by mechanical processing of bamboo.

[GB/T 36394-2018, definition 2.1.17] 3.1.11.1 Bamboo strand particle the average length of bamboo material is greater than 50mm, the thickness is generally less than 1mm, and the aspect ratio is more than 2.1.

[GB/T 36394-2018, definition 2.1.19] 3.1.11.2 Bamboo stick particle Bamboo shavings are reprocessed by a hammer mill. The thickness and width are similar, about 3mm~6mm, and the length is 4 to 5 times the thickness.

3.1.12

Bamboo fiber

Bundles, filaments or flocculent units containing single fiber cells or multi-fiber cell aggregates made by chemical or mechanical processing of bamboo.

[GB/T 36394-2018, definition 2.1.20] 3.1.12.1 Bamboo fiber for panels Bundle-shaped short fibers made by mechanically refining bamboo, suitable for the production of fiberboard and other composite materials.

[GB/T 36394-2018, definition 2.1.20.1] 3.1.13 Bamboo flour Powder processed from bamboo.