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JG

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

JG/T 561-2019

**Fiber-reinforced polymer connector for precast concrete
sandwich insulation walls
(English Translation)**

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Foreword

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

This standard was proposed by the Institute of Standardization of the Ministry of Housing and Urban-Rural Development.

This standard is under the jurisdiction of the Building Structure Standardization Technical Committee of the Ministry of Housing and Urban-Rural Development.

This standard was drafted. Tongji University, Beijing Building Materials Science Research Institute Co., Ltd., Beijing Vanke Enterprise Co., Ltd., China Construction Building Standard Design and Research Institute, Shanghai Urban Construction Materials Co., Ltd., Southeast University, China Construction Eighth Engineering Bureau Co., Ltd., Shanghai Urban Construction Design Research Institute (Group) Co., Ltd., Shenyang Jianzhu University, Shanghai Pudong Architectural Design and Research Institute Co., Ltd., Nanjing Sbel Composites Materials Co., Ltd., Anhui Hailong Construction Industry Co., Ltd., Shanghai Institute of Architecture Design and Research Co., Ltd., Shanghai Building Science Research Institute (Group) Co., Ltd., Zhongke Kuntai Technology Co., Ltd., Kunshan City Construction Engineering Quality Testing Center.

1 Scope

This standard specifies the classification and marking, general requirements, test methods and inspections of fiber reinforced plastic connectors for prefabricated thermal insulation walls.

Inspection, marking, packaging, transportation and storage.

This standard applies to fiber reinforced plastic connectors in prefabricated thermal insulation walls.

2 Normative references

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

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

GB/T 1446 fiber reinforced plastics performance test methods Test method for tensile properties of GB/T 1447 fiber reinforced plastics GB/T 1449 fiber reinforced plastic bending performance test method GB/T 2577 glass fiber reinforced plastic resin content test method GB/T 8237 liquid unsaturated polyester resin for fiber reinforced composites GB/T 13657 Bisphenol A epoxy resin GB/T 18369 glass fiber roving GB/T 25045 basalt fiber roving Test method for basic mechanical properties of GB/T 30022 fiber reinforced composite materials GB/T 34551 glass fiber reinforced composite material ribs high temperature alkali resistance test method GB 50010 concrete structure design specification GB 50011 seismic design code for buildings Determination of interlaminar shear strength by JC/T 773 fiber reinforced plastic short beam method Technical specification for JG J1 fabricated concrete structure

3 Terms and definitions

The following terms and definitions apply to this document.

Prefabricated insulation wall precastconcretesandwichinsulationwal Precast concrete sandwich insulation wall consisting of inner and outer wall concrete slabs, insulation and joints.

Fiber fiber

The various types of high-performance fibers used in civil engineering, the fibers used in this standard are mainly glass fiber and basalt fiber.

Note: Rewrite GB 50608-2010, definition 2.1.1.

JG/T 561-2019

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