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

GB/T 32834-2016

Facing stone for dry-hanging installation

干挂饰面石材

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Quarantine;
Standardization Administration of the PRC**

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009. This standard is proposed by the China Building Materials Federation. This standard by the National Stone Standardization Technical Committee (SAC/TC460) centralized. The standard responsible for the drafting unit. Fujian Creek Stone Co., Ltd., Sinoma Artificial Crystal Research Institute (National Stone Quality Supervision and Inspection Center). This standard to participate in the drafting unit. Global Stone (Dongguan) Co., Ltd., Fujian Fengshan Stone Group Phoenix Mountain Decoration Engineering Co., Ltd., Beijing Lingsheng Building Decoration Engineering Co., Ltd., Beijing Tiandi Yingliang Stone Co., Ltd., Shandong Guan Lu Building Materials Industry Corporation, Shandong (China) Co., Ltd., Dongguan City, East into stone limited Company, Bandung Stone Industry (Fujian) Co., Ltd., Fujian Dongsheng Stone Industry Co., Ltd., Nan'an City, Fujian Province Wanling Stone Arts Co., Ltd. The main drafters of this standard. Zhou Junxing, Wang Boyao, Chao Shoumei, Zhong Wenbo, Li Huaoliang, Wei Hua, Hou Qinchao, Chen Yongyuan, Zhou Chao, Zhang Baojiang, Li Cheng, Qu Huamin, Tang Jinfa, Wang Rongping, Chen Runlin, Lu Anmin, Wang Shangyun, Li Zesheng. Dry hanging decorative stone

1 Scope

China's national standard for natural stone products installed by dry hanging. It specifies the terms and definitions, the classification, grading, naming and marking, the technical requirements, the test methods, the inspection rules and the marking, packaging, transport and storage, and it applies to natural granite, marble, limestone and sandstone processed into building slabs, mouldings, solid columns and similar products for dry-hung facades. Dry hanging is the method by which stone is fixed to a building on metal anchors with an air gap behind it, rather than bedded in mortar, and it is now how nearly all stone cladding above the ground floor is installed. The change matters because it moves the stone from compression into tension. A mortar-bedded slab is supported over its whole back and carries its own weight through the wall; a dry-hung slab hangs from a few anchor points, and its weight, the wind load on the facade and any movement of the frame behind it are all carried by the small volume of stone around each anchor. So the properties that matter

change entirely: what counts is not compressive strength, which every building stone has in abundance, but flexural strength and the resistance of the anchor slot to pull-out - and this standard exists because stone selected against the general facing-stone standards can be entirely adequate bedded in mortar and unsafe hung from a wall. The consequence of getting it wrong is a slab falling several storeys, so the requirements here are safety requirements, not quality ones. Radionuclide limits follow GB 6566 and the test methods follow the GB/T 9966 series. Issued on 29 August 2016 and in force since 1 July 2017.

This standard specifies the terminology and definition, classification, grade, naming of natural stone products (hereinafter referred to as dry hanging stone) using dry hanging installation With marking, technical requirements, test methods, inspection rules and marking, packaging, transportation and storage. This standard applies to the building decoration works using dry hanging installed natural granite, natural marble, natural limestone, natural sandstone plus Work into the building plate, flower lines, solid cylinder and other products.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB 191 packaging and storage icon

GB 6566 Radiation nuclide limits for building materials

GB/T 9966.1 Natural stone test methods - Part 1. Test methods for compressive strength after drying, water saturation and freeze-thaw cycles

GB/T 9966.2 Natural stone test methods - Part 2. Test method for bending strength after drying, water saturation and freeze-thaw cycles

GB/T 9966.3 Natural stone test methods - Part 3. Bulk density, true density, true porosity, water absorption test method

GB/T 9966.7 Natural stone test methods - Part 7. Test method for mounting strength of stone pendant units

GB/T 9966.8-2008 Natural facing stone test method - Part 8. Testing of stone loading systems with uniform static differential pressure Strength test method

GB/T 13890 Natural stone terminology

GB/T 17670 Natural stone unified number

GB/T 18601 Natural granite construction sheet Natural marble building slabs GB/T 19766

GB/T 23452 Natural sandstone construction sheet

GB/T 23453 Natural limestone construction sheet

GB 24264 Adhesive for facing stone

3 Terms and definitions

The terms and definitions defined in GB/T 13890 apply to this document. 4 classification, grade, naming and marking

4.1 Classification

4.1.1 by stone type According to the type of stone can be divided into.