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

SB/T 10727-2015

Replacing SB/T 10727-2012

**Technical requirements for environmentally friendly building
and decorating materials
(English Translation)**

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Foreword

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

This standard replaces SB/T 10727-2012 "Environmental protection building materials and decorative materials technical requirements", compared with SB/T 10727-2012 the technical changes are as follows.

- Amend the "heavy metal content limit of soaking water" (see 5.1.3);
- modified "energy consumption limits for cement units" (see 5.1.4.1);
- Increased "Flammability level" (see 5.3.5);
- Added "water efficiency requirements" (see 5.5).

This standard is proposed and centralized by the Ministry of Commerce of the People's Republic of China.

The main drafting unit of this standard. China Building Materials Circulation Association.

This standard participates in the drafting unit.

Aluminum alloy construction profiles. Shandong Albert Aluminum Co., Ltd., Zhaoqing Asia Aluminum Co., Ltd., Foshan Guangcheng Aluminum Co., Ltd., Henan Hengmei Aluminum Co., Ltd., Lanzhou Mingdi Aluminum Co., Ltd.

Curtain wall. Suzhou gold mantis curtain wall Limited.

Architectural Decoration. Shenzhen Guangtian Decoration Group Co., Ltd.

Decorative hardware. Guangdong Ya Jie Hardware Co., Ltd.

Artificial stone. Shandong Kang Jie Lee Artificial Stone Co., Ltd., Foshan City, crown glass Building Materials Co., Ltd.

Gypsum board. Shandong Bayer Building Materials Co., Ltd.

Architectural Glass. Guangzhou Sheng Sheng Glass Curtain Wall Engineering Co., Ltd.

Adhesives. Shandong Baolongda Industrial Group Co., Ltd.

Wooden doors. Guangdong Runcheng Chuangzhan Wood Industry Co., Ltd.

Flooring. Shanghai Feilinger Wood Industry Co., Ltd.

Radiator. Guangdong Sunflower HVAC Equipment Co., Ltd.

Security door. Zhejiang Jinhe US Industry and Trade Co., Ltd., Chongqing Meixian · Ma Sen Door Industry Co., Ltd., step Yang Group Co., Ltd., Zhejiang Jin and the United States Industry and Trade Co., Ltd.

Insulation Material. Shandong Shengquan Chemical Industry Co., Ltd.

Pipe fittings. Hebei Baoshuo Pipe Co., Ltd., Shandong Tianmai Pipe Industry Co., Ltd., Guangxi Jia Li Industry and Trade Co., Ltd., Shanghai Industrial Co., Ltd.

Limited company.

Waterproof material. Beijing Oriental Rainbow Waterproof Technology Co., Ltd., Shenzhen City-based Building Materials Technology Co., Ltd., Xinxiang City, sun and the moon waterproof Technology Co., Ltd.

Wallpaper. Guangdong Magnolia Decoration Materials Co., Ltd., Jiangmen Yuhua Wallpaper Co., Ltd.

Valve. Hangzhou Chunjiang Valve Co., Ltd., Ningbo Huacheng Valve Co., Ltd.

Paint. Guangdong Hualong Paint Industry Co., Ltd.

Diatom mud. Hunan Jinhuang Diatong New Materials Co., Ltd., Fujian Hao Seoul new materials Technology Co., Ltd.

1 Scope

This standard specifies the terms and definitions of environmentally friendly building materials and decorative materials, basic requirements, technical content, inspection methods and product advertisements.

This standard applies to cement, flat glass, ceramics, gypsum products, natural stone, tile, reinforced concrete steel, faucet, decorative decoration Materials, decorative materials, building materials, building insulation materials, building insulation materials, plastic pipe and pipe fittings, wood-based panels, wood flooring, Wooden doors, kitchen furniture, bathroom furniture, wood products, general lighting, integrated multi-functional ceiling, integrated stove, multi-function shower, and so on.

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/T 191 packaging and storage icon GB/T 4706.22 Safety of household and similar electrical appliances Stationary stove, stove, oven and the like Claim GB/T 4706.28 Safety requirements for household and similar electrical appliances - Particular requirements for range hoods GB/T 4706.100 Safety and multifunctional shower room for household and similar electrical appliances Standard Test Method for Domestic Drinking Water - Metals Radiation nuclide limits for building materials GB 6566-2010 GB 7000.1 lamps - Part 1. General requirements and tests Seat, watertight, wind - resistant performance classification and inspection method for exterior doors and windows of buildings GB/T GB/T 8484 Outside doors and windows for building insulation performance classification and testing methods GB/T 8485 building windows and doors air sound insulation performance classification and testing methods GB 12021.4 Electric washing machine energy efficiency water limit and grade GB 16880 Energy consumption limits for cement unit products GB/T 17219 Safety evaluation criteria for drinking water distribution equipment and protective materials Test Method for Physical and Chemical Properties of Wood - based Panel and Finishing Laminated Boards GB/T 17657 GB/T 18101 Refractory plywood Wood - based panel and its surface decoration terms GB/T 18259 GB/T 18446 Determination of diisocyanate monomer in paint-based isocyanate resin for paints and varnishes GB 18581 Interior decoration materials Hazardous substances in solvent - borne wood coatings GB 18582 interior decoration materials interior wall paint harmful substances limited Control devices for lamps 1951.1 Lamps - Part 1. General requirements and safety requirements GB 21252 Building sanitary ceramics Unit energy consumption limits GB 21340 flat glass unit product energy consumption limit GB 24410 Interior decoration materials Hazardous substances in waterborne wood coatings GB 25501 water nozzle water efficiency limit and

water efficiency level