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PEOPLE'S REPUBLIC OF CHINA**

GB/T 36797-2018

Epoxy resin joint sealant for anti-cracking in refurbishment

装修防开裂用环氧树脂接缝胶

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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 China Petroleum and Chemical Industry Federation. This standard is under the jurisdiction of the National Adhesive Standardization Technical Committee (SAC/TC185). This standard was drafted. Copper Wall Iron Wall Technology Development Group Co., Ltd., Fujian Province Product Quality Inspection Institute, Xiamen Bai Anxing New Materials Materials Co., Ltd., Fujian Iron and Steel Great Wall Environmental Protection Technology Co., Ltd., Xiamen Dongshun Coating Co., Ltd., Shanghai Rubber Products Research Institute Co., Ltd. Sanshu Paint Co., Ltd., Xinhe New Materials Co., Ltd., Fujian Special Group Adhesive Co., Ltd., Xiamen University, Fuzhou Yulong Building Materials Co., Ltd., Fujian Shengda Coating Co., Ltd., Longhai Dahua Coating Co., Ltd., Fujian Worth Shield Building Materials Co., Ltd., Fujian Biyou Building Materials Technology Co., Ltd., Zhangzhou Sandeli Paint & Coating Co., Ltd., Guangdong Dayou Building Materials Technology Co., Ltd., Shengzhou Xianghao Coatings Industry and Trade Co., Ltd., Fujian Luban Master Building Materials Co., Ltd., Xiamen Shantian Congda Coating Co., Ltd., Fuzhou Ain New Materials Co., Ltd. Fujian Institute of Material Structure, Chinese Academy of Sciences, China Quality Certification Center, Guangzhou Baiyun Chemical Industry Co., Ltd., Huixing County, Fujian Province Industry and Trade Co., Ltd., Fuqing Longguang Paint Industry Co., Ltd., Xiamen Jinyingfeng Industry and Trade Co., Ltd., Fujian Mabiao New Building Materials Co., Ltd., Sanyou (Tianjin) Polymer Technology Co., Ltd., Fuzhou Jinbo Building Materials Co., Ltd. The main drafters of this standard. Li Jie, Chen Yongzhen, Gan Yongqiang, Zhang Jianqing, Yin Guohua, Xie Jianrui, He Yang, Chen Shiren, Huang Jieqiang, Xu Yiting, Bao Yinxi, Hong Enlan, Wu Lixin, Zheng Xiuwen, Zhang Min, Huang Yandi, Chen Jianjun, Hu Langwei, Guo Junliang, Zhang Chungui, Cai Dehe, Wu Xiaogeng, Li Yuewu, Liu Laicong, Wang Zhiyin, Tang Xiaoyan, Lin Yong, Kang Huiyang, Fan Cheng Jinsheng, Chen Huanyu, Chen Gong, Li Cheng. Decoration anti-cracking epoxy joint glue

1 Scope

China's national standard for the epoxy resin joint sealant used to prevent cracking in refurbishment work. It specifies the terms and definitions, the product classification and marking, the requirements, the test preparation and test methods, and the inspection rules.

The problem it addresses is one that every renovation meets. Where new material joins old - a partition against an existing wall, a plaster patch, a board joint over a repaired substrate - the two move differently as they dry, as the building settles and as the temperature changes, and a crack opens along the line. It reappears through paint, through wallpaper and through skim coat, and it is the most common defect in finished refurbishment work. An epoxy joint sealant works because it is rigid and bonds strongly to both faces: rather than accommodating the movement, as a flexible sealant would, it prevents the two surfaces from moving relative to each other at all. That only works if the bond exceeds the force, which is what the requirements have to guarantee.

This standard specifies the terms and definitions, product classification and marking, requirements, test preparation, and test for the decoration of epoxy resin joint glue for crack prevention. Methods, inspection rules and packaging, labeling, marking, transportation, storage. This standard applies to solvent-free seams for interior decoration consisting of epoxy resin (component A) and amine curing agent (component B). Glue products.

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 191 packaging storage and transportation icon

GB/T 1768-2006 Determination of the abrasion resistance of paints and varnishes

GB/T 2791-1995 Adhesive T peel strength test method Flexible materials for flexible materials

GB/T 2943 Adhesive Terminology

GB/T 6682-2008 Analytical laboratory water specifications and test methods

GB/T 6739-2006 Paint and varnish pencil method for determination of film hardness

GB/T 7123.1-2015 Determination of the operational time of multi-component adhesives

GB/T 7124-2008 Determination of tensile shear strength of adhesives (rigid materials to rigid materials)

GB/T 8170 Numerical Rounding Rules and Representation and Determination of Limit Values

GB/T 9754-2007 Determination of 20°, 60° and 85° specular gloss of paints and varnishes

GB/T 9779-2015 multi-layer architectural coating

GB/T 9780-2013 Test method for stain resistance of architectural coatings

GB/T 13477.5-2002 Test methods for building sealing materials - Part 5

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