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OF CHINA**

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Polyurethane waterproofing coating

聚氨酯防水涂料

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Polyurethane waterproofing coating

1 Scope

This standard stimulates the classification, general requirements, technical requirements, test methods, inspection rules, marks, packaging, transportation and storage polyurethane waterproof coating (hereinafter referred to as PU waterproof coating).

This standard is applicable to polyurethane waterproof coating used for engineering waterproof

2 Normative references

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (Including all corrections) or revisions made thereafter shall be applicable to this Standard.

GB/T 528 Rubber , vulcanized or thermoplastic - Determination of tensile stress-strain properties

GB/T 529-2008 Rubber vulcanized or thermoplastic - Determination of tear strength (Trouser, angle and crescent test pieces)

GB/T 531.1-2008 Rubber vulcanized or thermoplastic - Determination of indentation hardness - Part 1: Durometer method (Shore hardness)

GB/T 1768-2006 Method of test for abrasion resistance of paint films

GB/T 8626-2007 Test method of flammability for building materials

GB/T 16777-2008 Test methods for building waterproofing coatings

GB/T 18244-2000 Test methods for resistance to weathering of building waterproofing materials

GB 18582 Indoor decorating and refurbishing materials - Limit of harmful substances of interior architectural coatings

GB/T 20624.2-2006 Paints and varnishes - Rapid-deformation (impact resistance) tests - Part 2: Falling-weight test small-area indenter

JC/T 975-2005 Waterproofing coating for concrete bridge and road surface

JC 1066-2008 Limit of harmful substances of building waterproof coatings

3 Classification

3.1 Classification

3.1.1 The products can be divided into two classifications according to their components, namely, single-component (S) and multi-component (M).

3.1.2 The products can be divided into type I and type II and type III according to their basic performance (see Annex A).

3.1.3 The products can be divided into exposed (E) and non-exposed (N) according to whether exposure to use.

3.1.4 The products can be divided into class A and class B according to set limit of the harmful material.

3.2 Designation

Designate it according to the product name, composition, basic properties, whether exposure, set limit of harmful material and the order of the standard number.

Examples:

Class A type II exposed single-component polyurethane waterproof coating is marked as PU waterproof coating S III E A GB/T 19250-2013.

4 General requirements

The production and application of the products shall not bring harmful influence on human body, biology and the environment, and all safety and environmental requirements involved in or related to the use should comply with the regulations of our relevant national standards and norms.

5 Technical requirements

5.1 Appearance

Products are uniformly viscous, without gel or agglomerate.

5.2 Physical and mechanical properties

5.2.1 Basic performance

The basic performance of polyurethane waterproof coating shall comply with the provisions of table 1.

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