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Test methods for polymer-modified mortar

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Land, Infrastructure, Transport and Tourism through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Testing Center for Construction Materials (JTCCM)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS A 1171**:2000 is replaced with this Standard.

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Introduction

This Japanese Industrial Standard was established in 1978 and has gone through two revisions since then. The last revision was made in 2000, and the revision at this time was initiated to achieve consistency with related standards and to modify test method provisions in line with the current situation around the polymer-modified mortar. The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex A.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies the test methods for polymer-modified mortar.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

- JIS A 1128 Method of test for air content of fresh concrete by pressure method
- JIS A 1129-1 Methods of measurement for length change of mortar and concrete— Part 1: Method with comparator
- JIS A 1129-2 Methods of measurement for length change of mortar and concrete— Part 2: Method with contact-type strain gauge
- JIS A 1129-3 Methods of measurement for length change of mortar and concrete— Part 3: Method with dial gauge
- JIS A 1132 Method of making and curing concrete specimens
- JIS A 1148 Method of test for resistance of concrete to freezing and thawing
- JIS A 1404 Method of test for waterproof agent of cement for concrete construction
- JIS A 5308 Ready-mixed concrete
- JIS A 6203 Polymer dispersions and redispersible polymer powders for cement modifiers
- JIS A 6205 Corrosion inhibitor for reinforcing steel in concrete
- JIS K 8123 Calcium chloride (Reagent)
- JIS R 5201 Physical testing methods for cement
- JIS R 6252 Abrasive papers

3 Terms and definitions

For the purposes of this Standard, the following terms and definitions apply.