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**Method of test for waterproof agent
of cement for concrete construction**

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS A 1404:2013** is replaced with this Standard.

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Method of test for waterproof agent of cement for concrete construction

Introduction

This Japanese Industrial Standard was established in 1960 and has gone through four revisions up to the present. The last revision was made in 2013, and the revision at this time is to correspond to the actual situation in Japan.

No corresponding International Standard has been established at this point. The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex A.

1 Scope

This Standard specifies the test method for the waterproof agent of cement (hereafter referred to as “waterproof agent”) used by mixing it into mortar or concrete for construction.

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 R 5201 *Physical testing methods for cement*

JIS R 5210 *Portland cement*

JIS Z 8801-1 *Test sieves—Part 1: Test sieves of metal wire cloth*

3 Testing apparatus

3.1 Balance The weighing capacity shall be 2 kg or more and the graduation shall be 0.1 g or smaller.

3.2 Compacting bar

3.2.1 Compacting bar for strength test and water absorption test The compacting bar used for moulding specimens for strength test and specimens for water absorption test shall be as specified in **JIS R 5201**.

3.2.2 Compacting bar for water permeability test For the compacting bar used for moulding specimens for water permeability test, the thrust portion shall be a cube of which the size of all the sides is $35 \text{ mm} \pm 1 \text{ mm}$ and the mass shall be $1\,000 \text{ g} \pm 5 \text{ g}$.

3.3 Drier The drier shall have an exhaust port and shall be capable of keeping the inside temperature of tank at 80°C .

3.4 Container for water absorption test The container used for water absorption test shall be watertight, and the depth shall be about 5 cm.