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Ready-mixed concrete

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

Consequently **JIS A 5308**:2011 is replaced with this Standard.

However, **JIS A 5308**:2011 may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until September 19, 2014.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

Ready-mixed concrete

Introduction

This Japanese Industrial Standard was established in 1953 and has gone through 12 revisions since then. The last revision was made in 2011, and the revision at this time is intended to reflect the recent advances in technology and environmental considerations.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies the ready-mixed concrete (hereafter referred to as "ready-mixed concrete") delivered to the point of discharge. However, this Standard does not specify transportation, placement and curing of the concrete after delivery.

2 Normative references

The standards given in Table 13 contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) shall be applied.

3 Classification

The types of ready-mixed concrete covered in this Standard are ordinary concrete, light-weight concrete, concrete for pavement and high-strength concrete, for which the applicable combination of maximum coarse aggregate size, slump/slump flow and nominal strength is marked with ○ in Table 1.

Table 1 Classification of ready-mixed concrete

Type of concrete	Maximum size of coarse aggregates mm	Slump/slump flow [a] cm	Nominal strength													
			18	21	24	27	30	33	36	40	42	45	50	55	60	Flexure 4.5
Ordinary concrete	20, 25	8, 10, 12, 15, 18	○	○	○	○	○	○	○	○	○	○	−	−	−	−
		21	−	○	○	○	○	○	○	○	○	○	−	−	−	−
	40	5, 8, 10, 12, 15	○	○	○	○	○	−	−	−	−	−	−	−	−	−
Light-weight concrete	15	8, 10, 12, 15, 18, 21	○	○	○	○	○	○	○	○	−	−	−	−	−	−
Concrete for pavement	20, 25, 40	2.5, 6.5	−	−	−	−	−	−	−	−	−	−	−	−	−	○
High-strength concrete	20, 25	10, 15, 18	−	−	−	−	−	−	−	−	−	−	○	−	−	−
		50, 60	−	−	−	−	−	−	−	−	−	−	○	○	○	−

Note [a] These are the values at the point of discharge, and 50 cm and 60 cm are the slump flow values.