



NEW ZEALAND STANDARD

**Specification for
CONCRETE CONSTRUCTION FOR
MINOR WORKS**

UDC 693.5

Pr DD

Standards Association of New Zealand

COMMITTEE REPRESENTATION

This Standard was prepared under the direction of the Building and Civil Engineering Divisional Committee (30/-) for the Standards Council, established under the Standards Act 1965.

The Minor Concrete Construction Committee (31/19) was responsible for the preparation of the Standard and consisted of representatives of the following organizations:

Institution of Professional Engineers New Zealand
Ministry of Works and Development
Municipal Association of New Zealand
New Zealand Concrete Research Association
New Zealand Master Builders Federation
New Zealand Ready Mixed Concrete Association

© COPYRIGHT

The copyright of this document is the property of the Standards Council. No part of it may be reproduced by photocopying or by any other means without the prior written permission of the Director of the Standards Association of New Zealand unless the circumstances are covered by the exemption sections (19 and 21) of the Copyright Act 1962.

STANDARDS ASSOCIATION OF NEW ZEALAND

6th FLOOR, WELLINGTON TRADE CENTRE, 181-187 VICTORIA STREET, WELLINGTON 1.
(Private Bag, Wellington), Telex: NZ 3850, Telephone: (04)842-108.

AMENDMENTS

<i>No.</i>	<i>Date of issue</i>	<i>Description</i>	<i>Entered by and date</i>

CONTENTS	PAGE
Committee representation	IFC
Related documents	4
Foreword	4
<i>Section</i>	
1 GENERAL REQUIREMENTS	5
1.1 Scope	5
1.2 Definitions	5
2 REINFORCEMENT	6
2.1 Metal reinforcement	6
2.2 Hooks and bends	6
2.3 Surface condition of reinforcement	7
2.4 Fixing of reinforcement	7
2.5 Spacing of reinforcement	7
2.6 Splices in reinforcement	7
2.7 Cover	7
2.8 Tolerances for reinforcement	8
3 FORMWORK, EMBEDDED ITEMS AND CONSTRUCTION JOINTS	9
3.1 Formwork – general	9
3.2 Surface finish	9
3.3 Tolerances	9
3.4 Removal of formwork	10
3.5 Embedded pipes, sleeves and conduits	10
3.6 Construction joints	10
4 CONCRETE SUPPLY	12
4.1 Concrete strength	12
4.2 Production standards	12
4.3 Aggregate	12
4.4 Slump	12
4.5 Minimum requirements to be nominated	12
5 CONCRETE PLACING, FINISHING AND CURING	13
5.1 Unfavourable conditions	13
5.2 Preparation for concreting	13
5.3 Handling and placing	13
5.4 Compaction	13
5.5 Finishing of unformed surfaces	13
5.6 Curing and protection	14

Contents continued overleaf

REQUEST FOR NEXT AMENDMENT

If this address label has not been returned SANZ has no record that you wish to receive future amendments to this standard.

Note: Any amendment issued within 12 months of publication of this Standard, together with corrigenda and errata, will be sent free of charge in response to receipt of this notification. Subsequent amendments if issued on their own instead of being incorporated into new editions, may be subject to a charge. This will be notified with advice of the amendment.

To confirm that the next amendment has been requested, enter details of despatch below:

REQUEST TO BE NOTIFIED OF ANY AMENDMENT TO

NZS 3124:1987

Amendment No. 1

Name and full postal address.....

.....

.....

.....

Please type or print clearly

This is your mailing label for advice of any amendment to this New Zealand Standard. Please mail to Standards Association of New Zealand, Private Bag, Wellington.