

Premixed Concrete
delivery to domestic
house floor slabs and
footings

— changes to the
Australian Standard

Important Information for Concrete Placers



CEMENT CONCRETE
& AGGREGATES AUSTRALIA

Leading Knowledge - Sharing Information

A default slump of 100-mm for residential slabs and footings (domestic houses and townhouses only) has recently been introduced.

Extract from AS1379–2007 Specification and Supply of Concrete

Clause 1.5.3.2 Basic Parameters Note 2 Item (b): “For residential slabs and footings, if the slump is not specified by the customer, the specified slump should be taken as 100 mm”.

Reasons for the change:

1. When concrete is supplied at a slump of 80-mm, concrete placers often ask for additional water to be added on site. This is understandable because higher slump concretes are often
 - easier to place
 - easier to compact.
2. However concrete that is not designed for higher slumps can often cause:
 - reduced strength (see chart opposite)
 - cracking
 - dusting.

Note: The concrete supplier cannot take responsibility for concrete that has had uncontrolled water added to it.

What should the concrete placer do?

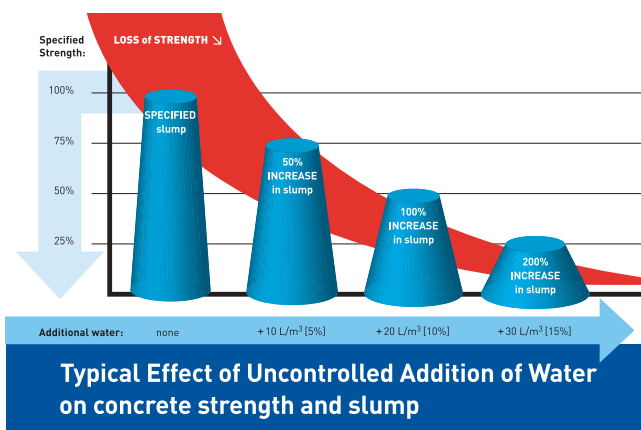
1. Order concrete with a slump that is suitable for:

- the equipment that you are using (eg. chute, pump, etc.)
- where the concrete will be placed (eg. thin sections and/or congested reinforcing steel).

2. Do not ask the driver to wet concrete up on-site.

3. If additional water is requested, the driver has been instructed to obtain a legible name and signature from an authorised person on the delivery docket before adding any water.

Note: Concrete strength and performance cannot be guaranteed if additional water is added.



CCAA OFFICES

SYDNEY OFFICE:

Level 6, 504 Pacific Highway
St Leonards NSW Australia 2065

POSTAL ADDRESS:

Locked Bag 2010
St Leonards NSW 1590

TELEPHONE: (61 2) 9437 9711

FACSIMILE: (61 2) 9437 9470

BRISBANE OFFICE:

Level 14, IBM Building
348 Edward Street
Brisbane QLD 4000

TELEPHONE: (61 7) 3831 3288

FACSIMILE: (61 7) 3839 6005

MELBOURNE OFFICE:

2nd Floor, 1 Hobson Street
South Yarra VIC 3141

TELEPHONE: (61 3) 9825 0200

FACSIMILE: (61 3) 9825 0222

PERTH OFFICE:

45 Ventnor Avenue
West Perth WA 6005

TELEPHONE: (61 8) 9389 4452

FACSIMILE: (61 8) 9389 4451

ADELAIDE OFFICE:

Greenhill Executive Suites
213 Greenhill Road
Eastwood SA 5063

POSTAL ADDRESS:

PO Box 229
Fullarton SA 5063

TELEPHONE: (61 8) 8274 3758

FACSIMILE: (61 8) 8373 7210

Extractive Industries Office:

PO Box 243
Henley Beach SA 5022

TELEPHONE: (61 8) 8243 2505

FACSIMILE: (61 8) 8125 5822

TASMANIAN OFFICE:

PO Box 246
Sheffield TAS 7306

TELEPHONE: (61 3) 6491 1509

FACSIMILE: (61 3) 6491 2529

WEBSITE: www.ccaa.com.au

EMAIL: info@cca.com.au

Disclaimer: CCAA is a not for profit organisation sponsored by cement concrete and aggregates industries in Australia to provide information on the many uses of cement and concrete. This publication is produced by CCAA for that purpose. Since the information provided is intended for general guidance only and in no way replaces the services of professional consultants on particular projects, no legal liability can be accepted by CCAA for its use.

CCAA respects your privacy. Your details have been collected to provide information on our activities, publications and services. From time to time your details may be made available to third party organisations who comply with the Privacy Act such as affiliated associations, sponsors of events and other reputable organisations whose services we think you may find of interest. If you do not wish to receive information from CCAA or wish to be taken off the database please write to the Privacy Officer, CCAA, Locked Bag 2010, St Leonards, NSW, 1590.

October 2008



**CEMENT CONCRETE
& AGGREGATES AUSTRALIA**