

Premixed Concrete delivery to domestic house floor slabs and footings — changes to the Australian Standard



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:

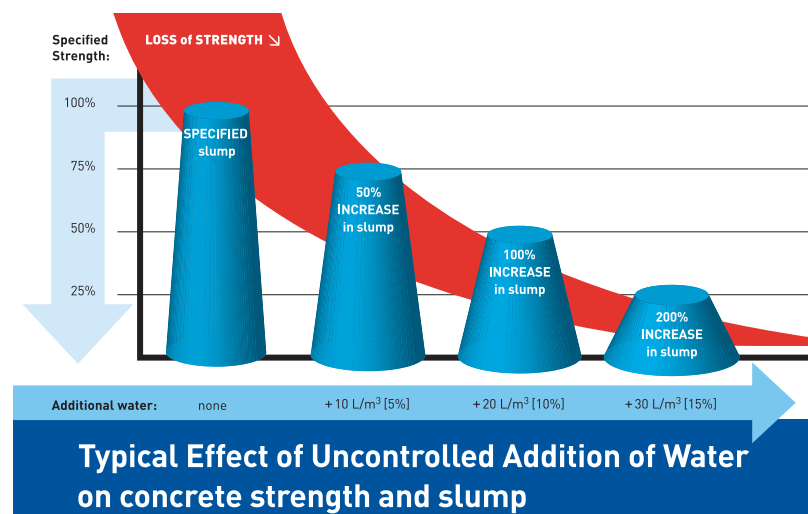
1. When concrete is supplied at a slump of 80-mm, concrete placers often ask for additional water to be added on site. This is understandable because higher slump concretes are often:
 - easier to place
 - easier to compact.
2. However concrete that is not designed for higher slumps can often cause: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





**Important
Information
for Concrete
Placers
POSTER**