

Premixed Concrete  
delivery to domestic  
house floor slabs and  
footings

— changes to the  
Australian Standard

Important Information for Concrete Placers



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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?

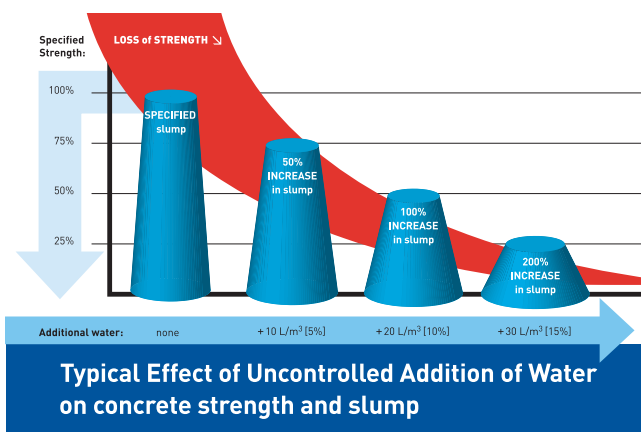
### 1. Order concrete with a slump that is suitable for:

- 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.**



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