

CONCRETE GUIDE TO SLUMP

SPEC / USES.

Concrete slump values

There are five classes with each class spanning a range of slump values.

Class	Slump range (mm)	Target slump
S1	10-40	20
S2	50-90	70
S3	100-150	130

Table 1: Slump class from BS8500

A rough guide to usage

S1 slumps are most likely to be used for kerb and pipework bedding because it is quite a dry concrete mix. This is sometimes referred to as "semi-dry".

S2 slumps are used for simple strip footings and cast in-situ hard-standing slabs or when using a wheelbarrow to move the concrete. This is referred to as a "moist mix" and the most useful and most commonly specified consistence.

S3 would be used for trench-fill foundations where a high flow is needed. This is known as a "wet mix".