

Specifications - C - Concrete				
Key Value		Keynote Text		
C1: Test concrete		Cast concrete test cubes of size and quantity, and at intervals or of batches as specified by structural engineer, in accordance with SABS test methods 861-2 and 861-3. Have these test cubes tested for compressive strength by an approved laboratory, all according to SABS test method 863 and the structural engineer.		
C2: Casting concrete		Give timely notice to the architect/principal agent before casting of concrete is to commence. Obtain prior approval from the architect/principal agent if it is intended to place concrete by pumping.		
C3: Curing		Cure concrete by means of a liquid membrane-forming curing compound at an approved rate, by ponding with water, or by covering with polyethylene or similar vapourproof material in large sheets. Cure for 7 days, and longer when the ambient temperature falls below 10 °C.		
C4: Tolerances		Permissible deviations (PD) to be according to the degree of accuracy as stipulated in SANS 2001-CC1_2007 table 11. Maximum deviation measured over a length of 3m measured from a straight line joining two points on the surface. PD for levels to be +0, -10mm for accuracy i; +5, -15mm for accuracy ii; and +10, -20mm for accuracy iii. PD for flatness of plane exposed concrete surfaces to be ±3mm for accuracy i; ±5mm for accuracy ii; and ±10mm for accuracy iii.		
C5: Foundations to Eng.		Concrete foundations strictly to engineer's detail and specifications.		
C7: Concrete surface bed to Eng.		Ground floor concrete slab according to engineer's specifications on DPM on 25mm sandblinding.		
C8: Suspended concrete floor to Eng.		Suspended concrete floor strictly to engineer's detail and specifications. Finish to slab as per architect's specifications.		
C11-b: Concrete coping		300 x 100mm precast concrete, MOdcoon type 012 precast concrete coping coping		
C13: Concrete upstand beam to Eng.		Reinforced concrete upstand beam to Structural Engineer's specification and details. Finish as per Architect.		
C17: Concrete lintel		Pre-cast pre-stressed concrete lintel. As per Engineer's design or as per guidelines in SANS part K 4.2.9.3. Prop at not more than 1200mm centres to prevent displacement during construction. Retain props in position for not less than 14 days or until mortar has matured, whichever is longer.		