

toppings.

- D. Place concrete floor toppings to required lines and levels.
- E. Screed toppings level, maintaining surface flatness of maximum 1:1000.

3.3.8 Concrete Finishing

- A. See section 03300 - 3.14. Schedule - Concrete types and finishes

3.3.9 Curing and Protection

- A. Immediately after compaction and for 14 days thereafter, concrete shall be protected from the harmful effects of weather, including rain and rapid temperature changes, and from drying out. The methods of protection shall be subject to the Engineer's approval. The Engineer's approval will be conditional upon the proposed curing method proving to be satisfactory on site.
- B. The method of curing used shall minimise the loss of moisture from the concrete. On concrete surfaces that are to be waterproofed or coated, curing membranes shall not be used unless agreed by the Engineer. Details of all curing methods to be used shall be subject to the approval of the Engineer.
- C. Concrete surfaces shall be kept damp using soaked hessian sheeting. Polythene sheet covering shall be used where directed by the Engineer to minimise evaporation. The hessian sheeting shall be maintained continuously damp for a minimum period of 14 days after casting, using water of the same quality as that allowed in mixing the concrete. Water used for curing purposes shall be within 5°C of the placed concrete temperature.
- D. Subject to the approval of the Engineer, curing with an approved proprietary product may be used as an alternative to curing with water except that the curing product shall not be applied to surfaces of concrete from which the shuttering has been struck, until the concrete has been inspected and approved by the Engineer's representative. The curing material shall not be detrimental to concrete.
- E. The concrete curing compound shall be of an approved type, which shall be readily distinguishable upon the concrete surface for at least four hours after application. The curing compound shall be compatible with concrete admixtures and with subsequent surface finishes. The curing compound shall be removed using a method approved by the Engineer prior to application of the finishes. The colour, if any, shall become inconspicuous within seven days after application.