

previously for packaging shall not be used.

- B. Water: Potable, not detrimental to concrete.

## **6.3 Part 3 Execution**

### **6.3.1 Examination**

- A. Verify substrate conditions under provisions of Section 01039.
- B. Curing shall be applied immediately after compaction and finishing and shall not be delayed.

### **6.3.2 Execution**

- A. Immediately after finishing, the concrete shall be protected by placing overlapped polyethylene sheets of 500 gauge for the first 24 hours. Overlapping shall be at least 150mm.
- B. The polyethylene sheet shall be kept in contact or near contact with the surface of the concrete and prevented from displacement by wind, foot traffic or other disturbances.
- C. After the first 24 hours, remove the polyethylene sheet. Overlapped hessian that has been pre-wetted shall be placed in direct contact with the surface of the concrete. The hessian shall be overlapped by at least 150mm.
- D. Cover the wet hessian immediately with polyethylene sheet overlapped by at least 150mm. The overlapped edges of the polyethylene shall not be coincident with the overlapped edges of the hessian underneath it.
- E. Secure the polyethylene and wet hessian against displacement by wind, foot traffic or other disturbances.
- F. The concrete surface shall be kept wet or at 100% relative humidity continuously for a period of at least 5 days.
- G. A system of wet drip plumbing akin to that used in the agricultural industry shall be installed to keep the concrete wet.
- H. The system shall be monitored and managed. Corrections and adjustments shall be made if necessary by a nominated staff and approved by the Engineer.
- I. For free standing vertical columns the polyethylene for the first 24 hours and the polyethylene and wet hessian subsequently shall be wrapped helically and secured by tying tightly against the column.
- J. Exposed free ends containing protecting reinforcements shall be protected and