

### **5.3.3 Placing Concrete**

- A. Place concrete in accordance with Section 03300.
- B. Place concrete continuously between predetermined construction and contraction joints. Do not interrupt successive placement such that cold joints occur.
- C. Cast test panels, size approved by Engineer, simultaneously with approved cu m of concrete placed. Use test panels to determine when each section of work is ready for exposed aggregate treatment.

### **5.3.4 Aggregate Exposure**

- A. Remove forms after seven days
- B. After removal of formwork, wet concrete surfaces with water and scrub with acid etch solution exposing aggregate to match accepted sample panel
- C. Do not expose more than 40% of aggregate surface.

### **5.3.5 Curing**

- A. Cure concrete floor surfaces in accordance with Concrete Curing, section 03370
- B. Spraying: Spray water over floor slab areas and maintain wet for seven days.
- C. Maintain concrete with minimal moisture loss at relatively constant temperature for a period necessary for hydration of cement and concrete hardening.

### **5.3.6 Cleaning**

- A. Section 01700 - Contract Closeout: Cleaning installed work.
- B. When desired finish is achieved, wash and rinse exposed aggregate surfaces.

### **5.3.7 Defective concrete**

- A. Remove and replace any exposed concrete, which displays surface defects unless the Engineer approves patching or other remedial measures.
- B. Defects include colour and texture irregularities, cracks, spalls, air bubbles, honeycombs, fins and other projections on the surface, stains and discolorations that cannot be removed by cleaning and other defects which in the opinion of the Engineer adversely affects the finish appearance.
- C. Permission for patching or other remedial measures is not a waiver of the Engineer's right to require complete removal of the defective work in his opinion such measure does not satisfactorily restore the quality and appearance of the surface.