

- M. Do not use form supports, which result in holes or tie-wires extended through the full width of a member.
- N. Where part of a metal tie remains embedded in concrete, it shall not have less cover than reinforcement. Fill holes with concrete or mortar.
- O. Position chamfer-moulding strips on exposed corners.
- P. Do not apply form release agent where concrete surfaces receive special finishes or coating, which may be affected by agent.

#### **1.3.4 Construction Joints**

- A. Form construction joints as required in slabs and beams at the quarter point of the span and at right angles to the member except where otherwise approved by the Engineer. Where slabs are supported by beams, construct both beams and slabs in one operation.
- B. In all cases, provide vertical stop boards at the end of each section of work, which is to be concreted in one operation. Thoroughly compact concrete against these stop boards.
- C. Construct construction joint panels consecutively where slabs, beams and walls incorporate. Where this is not possible, form a gap not exceeding 1 meter between adjacent panels. Do not concrete the gap until a minimum interval of 7 days has expired since the casting of the most recent adjacent panel.
- D. The size of bays for reinforced floors walls and roofs shall not exceed 7.5 meters in either direction or 6 meters when unreinforced or with nominal reinforcement.
- E. Provide construction joints of plain butt type or rebated type as directed or approved by the Engineer.
- F. Expose the aggregates at the construction joint of the freshly poured concrete over the full section to provide have a sound irregular surface by means of water spray and light brushing or other means approved by the Engineer prior to placing new concrete against it.
- G. Thoroughly clean away all foreign matter, moisten the surface immediately before placing the new concrete.
- H. Provide water stops to construction joints in water retaining structures.
- I. Ensure that all such construction joints are watertight and any joints, which may leak or weep to be rectified to the Engineer's satisfaction.