

DESIGNED JOINTS IN IN SITU CONCRETE

To be read with Preliminaries/General conditions.

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CONSTRUCTION/MOVEMENT JOINTS GENERALLY

- Accuracy: Position and form joints accurately, straight, well aligned and truly vertical or horizontal or parallel with setting out lines of the building.
- Modifications: If necessary to any joint design or location, agree before proceeding.
- Placing concrete:
 - Prevent concrete entering joints or penetrating compressible joint fillers and making movement joints ineffective.
 - Do not place concrete simultaneously on both sides of movement joints.

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ADDITIONAL CONSTRUCTION JOINTS

- Joints additional to those required by designer: Permitted only with approval of Engineer.
- Pricing: If additional joints are required, allow accordingly in the rates. Obtain approval of proposals.

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FORMED JOINTS

- Construction: Rigid, grout-tight side forms or stop ends designed to accommodate projecting bars or fabric without temporary bending or displacement.

211

FORMED JOINTS IN CONCRETE WEARING SURFACES

- Temporary forms: Square edged with a steel top surface and in good condition.
- Placing concrete: Compact thoroughly at edges to give level, closely abutted joints with no lipping.

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CONSTRUCTION JOINT FACES

- Roughening: While concrete is still green, remove laitance without loosening the aggregate to leave a thoroughly roughened, exposed aggregate finish.