

ISO-FLEX CP COVER PLATE INSTALLATION PROCEDURES

1. Preparatory Work

Ensure that the expansion joint stem openings are of a consistent width along the entire length and suitable for the selected size of CP Cover Plate.

Edge spalling, sharp projections and any uneven concrete surfaces shall be repaired prior to proceeding with the cover plate installation. All repair materials used should have reached full cure conditions as specified by the manufacturer.

2. Installation

CP Cover Plates are shipped in standard 10 Ft. lengths. Anchor locations are predrilled and countersunk for standard expansion anchor hardware.

The CP Cover Plates are available in two standard widths;

CP60: 6" width per standard detail 1999-01

CP100: 10" width per standard detail 2000-01

Where required CP Cover plates should be cut on the jobsite to meet conditions. The cover plates can be miter cut in the field to accommodate and change of direction conditions.

It is recommended that the cover plates be located over the joint gap per project conditions and that a chalk line should be snapped to ensure a straight installation.

Using the cover plate as a template pre-drill the pilot holes for the expansion anchor hardware. It is recommended that the plates be held apart from each other by 1/8" in order to allow for thermal expansion of the aluminum plate.

4. Completion

The installation can be opened to traffic once the anchor hardware has been torqued in place.

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