



- NOTES:
- FOR JOINT WIDTHS UP TO 2 IN. (50 mm) WITH A MAXIMUM OF 1 IN. (25 mm) MOVEMENT
 - FOR JOINTS WITH EXPECTED MOVEMENT OF LESS THAN 0.5 IN. (15 mm) A 6 IN. (150 mm) INVERTED STRIP IS ACCEPTABLE.
 - A WATERPROOF EXPANSION JOINT SYSTEM BY OTHERS MUST BE SELECTED FOR THE WIDTH AND EXPECTED MOVEMENT OF THE JOINT, SEE TECHNICAL LETTER 11 FOR ADDITIONAL INFORMATION.



**EXPANSION JOINT COVER
DECK OR WALL
BITUTHENE[®] WATERPROOFING SYSTEM**

DRAWING: BIT 024

SCALE: Not to scale

EFFECTIVE DATE: 07/01/2016

SUPERCEDES: 04012015

Expansion Joint Cover

Deck or Wall

Prior to Membrane Installation, Review the Bituthene®
Data Sheet



Surface Prep

All surfaces must be structurally sound and free from spalled areas, loose aggregate, sharp protrusions or other matter that may hinder the adhesion or regularity of the membrane installation. The surface should also be free from frost, dirt, grease, oil or other contaminants as outlined in the Bituthene® Data Sheet section on Surface Preparation. Clean loose dust and dirt from the surface and prime with appropriate primer.

Detailing

1. Install expansion joint system, by other manufacturer, according to manufacturer's installation instructions.
2. Apply Bituthene Deck Prep Surface Treatment on horizontal surface to smooth rough deck areas to prepare the surface to receive the Bituthene membrane.
3. Apply Bituthene membrane on the horizontal surface in accordance with the Bituthene Data Sheet section on Installation. Install membrane from the low point to the high point so that laps shed water. Terminate at edge of expansion joint.
4. Apply 9 in (225 mm) inverted Bituthene membrane strip centered over the expansion joint.
5. Apply 18 in (450 mm) Bituthene membrane strip centered over the expansion joint and lapped onto field membrane.
6. Apply full width, 36 in (900 mm) Bituthene membrane strip centered over the expansion joint cover and lapped onto the field membrane
7. Apply bead of Bituthene Liquid Membrane on all terminations and T-joints.
8. Apply Hydroduct 660 according to Hydroduct 660 Data Sheet.

Special Notes

Bituthene membranes should not be used in areas where they will be permanently exposed to sunlight, weather or traffic. Protect membrane from sunlight as quickly as possible after installation.