

HYDRODUCT® 660  
DRAINAGE COMPOSITE  
OR APPROVED  
PROTECTION  
COURSE

FULL WIDTH  
BITUTHENE®  
MEMBRANE

BITUTHENE® MASTIC  
OR BITUTHENE® LIQUID  
MEMBRANE  
TERMINATION BEAD

APPLY BITUTHENE  
MEMBRANE TO EDGE OF  
EXPANSION JOINT

18 IN. (450 mm)  
BITUTHENE®  
STRIP

9 IN. (225 mm)  
INVERTED  
STRIP OF  
BITUTHENE  
MEMBRANE

BITUTHENE MASTIC OR  
BITUTHENE LIQUID  
MEMBRANE WITH  
TERMINATION BAR

EXPANSION JOINT  
SYSTEM BY OTHER  
MANUFACTURER

- NOTES: - FOR JOINT WIDTHS UP TO 2 IN. (50 mm) WITH A MAXIMUM OF 1 IN. (25 mm) MOVEMENT. IF EXPECTED MOVEMENT IS 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 TO WALL JUNCTION BITUTHENE® WATERPROOFING SYSTEM

DRAWING: BIT 025

SCALE: Not to scale

EFFECTIVE DATE: 07/01/2016

SUPERCEDES: 04012015

# Expansion Joint Cover

Deck to Wall Junction

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. Apply Bituthene Deck Prep surface treatment on horizontal surface to smooth rough deck areas to prepare the surface to receive the Bituthene membrane.
2. Install expansion joint system, by other manufacturer, according to manufacturer's installation instructions.
3. Apply Bituthene membrane on the horizontal surface in accordance with the Bituthene Data Sheet section on Installation. Terminate at edge of expansion joint.
4. Apply 9 in (225 mm) inverted Bituthene membrane strip centered over the expansion joint with half of the strip on the horizontal surface and half of the strip on the vertical surface.
5. Apply 18 in (450 mm) Bituthene membrane strip centered over the expansion joint and lapped onto field membrane. Half of strip should be on horizontal surface and half of strip should be on the vertical surface.
6. Apply a full width of Bituthene membrane on top of the 18 in (450 mm) strip, with half the membrane on the horizontal surface and half the membrane on the vertical surface.
7. Install a termination bar at the top leading edge of the Bituthene on the wall and seal with Liquid Membrane or Mastic.
8. Apply bead of Liquid membrane or Mastic on all terminations.
9. Apply Hydroduct 220 for vertical applications and Hydroduct 660 for horizontal applications according to each Hydroduct 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.