



NOTES - HYDRODUCT® OR APPROVED PROTECTION COURSE NOT SHOWN FOR CLARITY
 - GCP MAY REQUIRE AN ALTERNATE GCP WATERSTOP BASED ON DESIGN CONDITIONS



PENETRATION

BITUTHENE® WATERPROOFING SYSTEM

DRAWING: BIT-016
SCALE: Not to scale
EFFECTIVE DATE: 07/01/2016
SUPERCEDES: 04012015

Penetration

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. Ensure the surface of the penetration is clean and grouted solid to prevent movement.
2. Apply Bituthene membrane onto substrate in accordance with the Bituthene Data Sheet section on Installation.
3. Cut membrane to allow for penetration. Membrane should be within 0.5 in (15 mm) in of penetration after cutting.
4. Apply 90-mil (2.3 mm) thick Bituthene Liquid membrane 2.5 in (65 mm) onto penetration and onto membrane.
5. Apply Hydroduct 220 for vertical applications or Hydroduct 660 for horizontal applications according to each according to 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.

Ensure Adcor® waterstop is encapsulated with 3 in (75 mm) of concrete cover minimum. Apply Adcor® waterstop according to the installation instructions found on the data sheet.

GCP may require an alternative GCP waterstop based on design conditions, at GCP's discretion.