

HYDRODUCT® 220
DRAINAGE COMPOSITE

BITUTHENE®
MEMBRANE

PREPRUFE®
DETAIL TAPE

HYDRODUCT®
COIL 600
PERIMETER
DRAIN

12 in (300 mm)
BITUTHENE
STRIP

MIN 6 in
(150 mm)

HYDRODUCT®
COIL 600
PERIMETER
DRAIN

ADCOR®
WATERSTOP

CONCRETE
SLAB

BITUTHENE® LIQUID
MEMBRANE
TERMINATION BEAD

PREPRUFE®
MEMBRANE

NOTE - GCP MAY REQUIRE AN ALTERNATE GCP WATERSTOP BASED ON DESIGN CONDITIONS



FOUNDATION WALL FLUSH TO STRUCTURAL SLAB BITUTHENE® WATERPROOFING SYSTEM

DRAWING: BIT-008-B

SCALE: Not to scale

EFFECTIVE DATE: 03/01/2016

SUPERCEDES: NEW

Foundation Wall

Flush to Structural Slab

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.

Detailing

1. Install Preprufe membrane in accordance with the Preprufe Data Sheet section on installation.
2. Apply a 12 in (300 mm) Bituthene strip centered over the construction joint of slab to wall lapping a minimum of 6 in (150 mm) onto the fully adhered Preprufe membrane.
3. Apply Bituthene membrane on the vertical wall and extend Bituthene a minimum of 6 in (150 mm) down the vertical face of slab and onto the previously installed Bituthene strip.
4. Apply a bead of Liquid Membrane on all terminations.
5. Apply Hydroduct 220 according to Hydroduct 220 Data Sheet.
6. Install Hydroduct Coil 600 Perimeter Drain.

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.

Provide temporary protection for Preprufe at the tie-in location until the Bituthene tie-in is installed. The tie-in should be completed and backfilled as soon as possible. An approved protection course must be used over the exposed Preprufe and the Bituthene prior to backfilling.

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.