



NOTE: THE FOOTING KEYWAY SHOULD BE FORMED TO CREATE A REGULAR AND UNIFORM SHAPE ALLOWING PROPER DETAILING OF THE BITUTHENE LIQUID MEMBRANE.



**FOUNDATION WALL  
FLOOR SLAB AT FOOTING LEVEL (OPTION - 3)  
PROCOR® WATERPROOFING SYSTEM**

DRAWING: PRO-003

SCALE: Not to scale

EFFECTIVE DATE: 07/01/2016

SUPERCEDES: 03012009

# Foundation Wall Floor Slab at Footing Level (Option – 3)



Prior to Membrane Installation, Review the Procor®  
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 Procor Data Sheet section on Surface Preparation. Clean loose dust and dirt from the surface.

## Detailing

1. Apply 90-mil (2.3 mm) thick Bituthene® Liquid Membrane on horizontal surface of footing in keyway. Extend Liquid Membrane a minimum of 2.5 in (65 mm) onto horizontal surface of footing on each side of foundation wall, and up external foundation wall surface a minimum of 2.5 in (65 mm).
2. Install a pre-treatment of 60-mil (1.5 mm) of Procor in the inside corner at the base of the wall, extending, at minimum, 3 in (75 mm) onto the footing and 3 in (75 mm) up the wall.
3. Install the field membrane in accordance with the Procor Data Sheet section on Installation.
4. Extend Procor field membrane over corner treatment and onto the horizontal surface of the footing.
5. Apply Hydroduct 220 according to Hydroduct 220 Data Sheet. Hydroduct may be adhered directly to freshly applied Procor by simply placing the Hydroduct in the Procor.
6. Apply a strip of Bituthene membrane onto the Liquid Membrane that extends beyond the internal foundation wall surface.
7. Install Preprufe® in accordance with the Preprufe data sheet. Overlap Preprufe onto the Bituthene Strip a minimum of 3 in (75 mm).
8. Install Preprufe CJ Tape centered over the edge of the Preprufe and adhere to the Bituthene Strip and Preprufe.
9. Apply a termination seal of Bituthene Liquid Membrane along Preprufe CJ Tape and Bituthene Strip termination.

## Special Notes

Procor 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. It is acceptable to apply Procor directly over freshly applied Bituthene Liquid Membrane (LM) provided the LM does not displace.

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