



- NOTES - IF A MUDSLAB IS NOT USED, THE SUBSTRATE TO ACCEPT THE BITUTHENE LIQUID MEMBRANE MUST BE GROUTED SOLID TO PROVIDE AN ACCEPTABLE SUBSTRATE FOR THE LIQUID MEMBRANE
- INTENDED FOR PROJECTS WITH PERMANENT DEWATERING OR NON-HYDROSTATIC CONDITIONS
  - GCP MAY REQUIRE AN ALTERNATE GCP WATERSTOP BASED ON DESIGN CONDITIONS



## Wall Termination for elevated slabs

### PREPRUFE<sup>®</sup> WATERPROOFING SYSTEM

DRAWING: PRE-039

SCALE: Not to scale

EFFECTIVE DATE: 07/01/2016

SUPERCEDES: 04012015

# Wall Termination for Elevated Slabs

Prior to Membrane Installation, Review the Preprufe® Data Sheet



## Surface Prep

All surfaces must be sound and solid to eliminate movement during the concrete pour. Substrate must be regular and smooth with no gaps or voids greater than 0.5 in (15 mm). The surface should also be free from loose aggregate and sharp protrusions as outlined in the Preprufe® Data Sheet section on Surface Preparation.

## Detailing

1. Install Preprufe 300R Membrane over mud slab.
2. For compacted earth, proper compaction is required. If the wall area is too small to allow proper compaction, the base of the wall should be grouted solid. Areas to receive Bituthene Liquid Membrane MUST be grouted solid.
3. Apply Bituthene Liquid Membrane on the mud slab from the base of the wall to a minimum of 0.5 in (15 mm) under where the leading edge of the Preprufe Membrane will terminate.
4. Install Preprufe 300R Membrane tight to all vertical and horizontal intersections.
5. Apply Liquid Membrane to form a minimum 1 in (25 mm) continuous fillet between the Preprufe Membrane and the wall. Extend a 90-mil (2.2 mm) continuous coating of Liquid Membrane overlapping a minimum of 3 in (75 mm) onto the surface of the Preprufe Membrane and 3 in (75 mm) onto the wall.
6. Install a minimum 12 in (300 mm) strip of Bituthene Membrane centered over the Liquid Membrane fillet so that the Bituthene Membrane extends 6 in (150 mm) onto the wall and 6 in (150 mm) onto the Preprufe Membrane. Apply Bituthene Primer as per standard GCP instructions prior to installation of Bituthene membrane.
7. Apply a strip of Preprufe CJ Tape onto the Bituthene Membrane and overlap onto the Preprufe Field Membrane by a minimum of 2 in (50 mm). Apply a second strip of Preprufe CJ Tape starting at the top leading edge of the Bituthene Membrane and overlap onto the first strip of Preprufe CJ Tape by a minimum of 2 in (50 mm).
8. Terminate the top leading edge of Preprufe CJ Tape and Bituthene Membrane with a bead of Bituthene Liquid Membrane.

## Special Notes

Preprufe 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.