



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



Wall Termination to Bituthene® Membrane PREPRUFE® WATERPROOFING SYSTEM

DRAWING: PRE-040

SCALE: Not to scale

EFFECTIVE DATE: 07/01/2016

SUPERCEDES: 04012015

Wall Termination to Bituthene Membrane

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. Ensure the surface of the Bituthene Membrane is protected during Preprufe installation.

Detailing

1. Install Preprufe 300R Membrane over the prepared substrate as outlined in the Preprufe data sheet found at graceconstruction.com.
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.
3. Install Preprufe 300R Membrane tight to all vertical and horizontal intersections.
4. Apply Bituthene Liquid Membrane to form a minimum 1 in (25 mm) continuous fillet between the Preprufe membrane and the Bituthene membrane.
5. Starting a minimum of 4 in (100 mm) from the edge of the Liquid Membrane fillet, apply Preprufe CJ Tape and extend it over the Liquid Membrane fillet and onto the Bituthene Membrane.
6. 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 (100 mm).
7. Terminate the top leading edge of Preprufe CJ Tape and Bituthene Membrane with a bead of Bituthene Liquid Membrane.
8. Roll tape to ensure good adhesion using steel or vinyl cylindrical or Vee roller.

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.