

NPX DRAINAGE &
PROTECTION BOARD

BITUTHENE
3000

PREPRUFE
DETAIL TAPE

BITUTHENE
LM3000
TERMINATION
BEAD

ADCOR
WATERSTOP

ADCOR
WATERSTOP

FLOOR
SLAB

PREPRUFE
TAPE

PREPRUFE
MEMBRANE

FOUNDATION WALL

BITUTHENE WATERPROOFING SYSTEM

DRAWING: BIT-003

SCALE: Not to scale

EFFECTIVE DATE: 01-03-2019





Foundation Wall

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. Install the field membrane in accordance with the Bituthene Data Sheet section on Installation
2. Apply Bituthene membrane down wall.
3. Extend Bituthene membrane a minimum of 150 mm down surface of footing, lapping onto Preprufe membrane. Do not apply primer to the back of the Preprufe membrane for installation of the Bituthene membrane. Preprufe installation instructions can be found on the Preprufe data sheet.
4. Apply bead of Liquid Membrane on all terminations.
5. Apply Preprufe membranes and NPX according to the installation instructions found on the 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. It is acceptable to apply Bituthene membrane directly over freshly applied Bituthene LM3000 Liquid Membrane provided the LM does not displace.

Provide temporary protection for the Preprufe membrane at the tie-in location until the Bituthene membrane 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 membrane and the Bituthene membrane prior to backfilling.

Ensure Adcor® waterstop is encapsulated with a min. 75 mm concrete cover. Avoid installing Adcor® waterstop in areas where it may be subjected to prolonged exposure or immersion in water prior to concrete placement. A GCP injectable waterstop should be considered if the waterstop may be exposed and or immersed in water prior to concrete placement or when access to Adcor® waterstop is limited after installation by rebar. Apply Adcor® waterstop according to the installation instructions found on the data sheet.

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