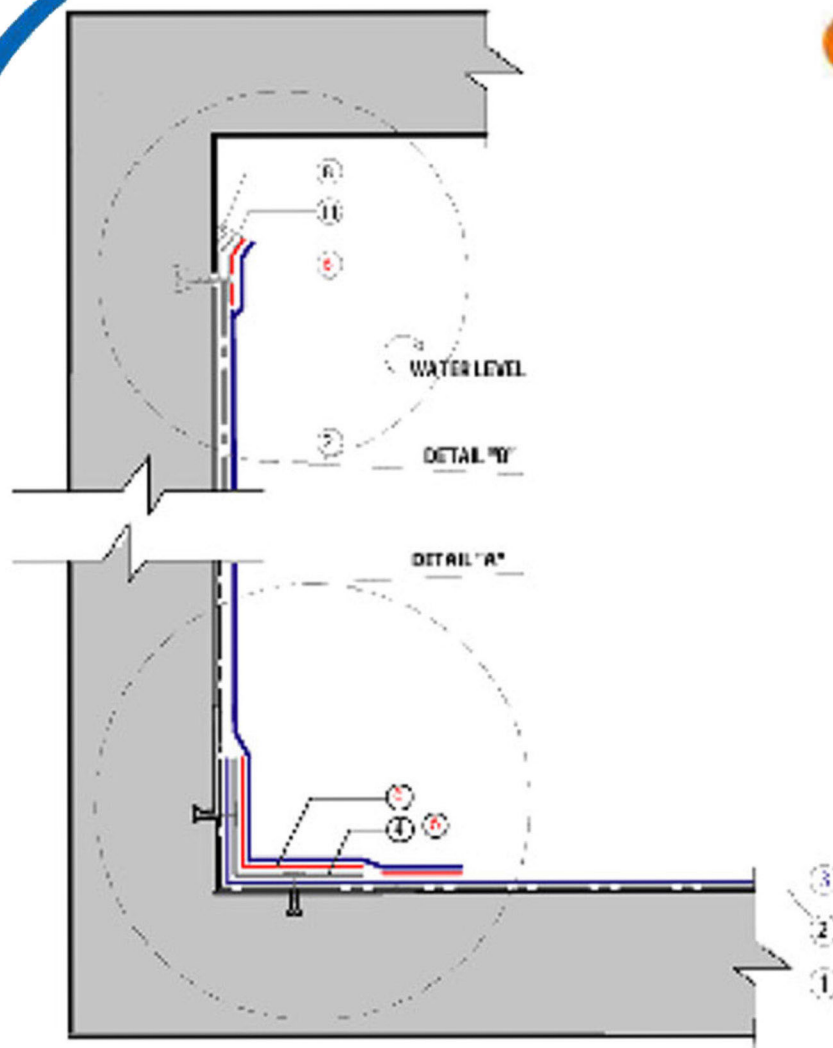


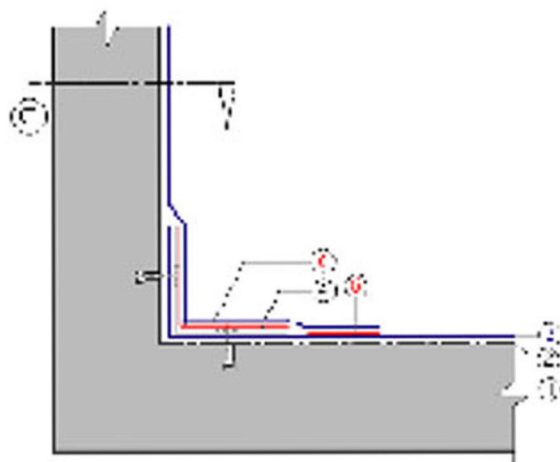
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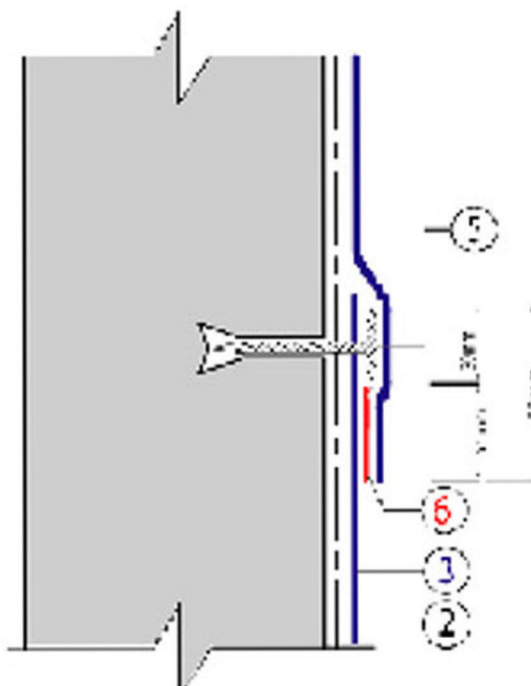
1 Installation Horizontal Area):

A -Internal concrete surface should be smooth, clean and free from sharp projections otherwise a protection layer (non-woven polyester, min.140 gr./m²) must be used to receive PVC membranes.

B -Apply INSUWRAP PVC liner non toxic LNTR lining membrane loose laid for horizontal areas with 50mm overlaps by using hot air welding Technique.



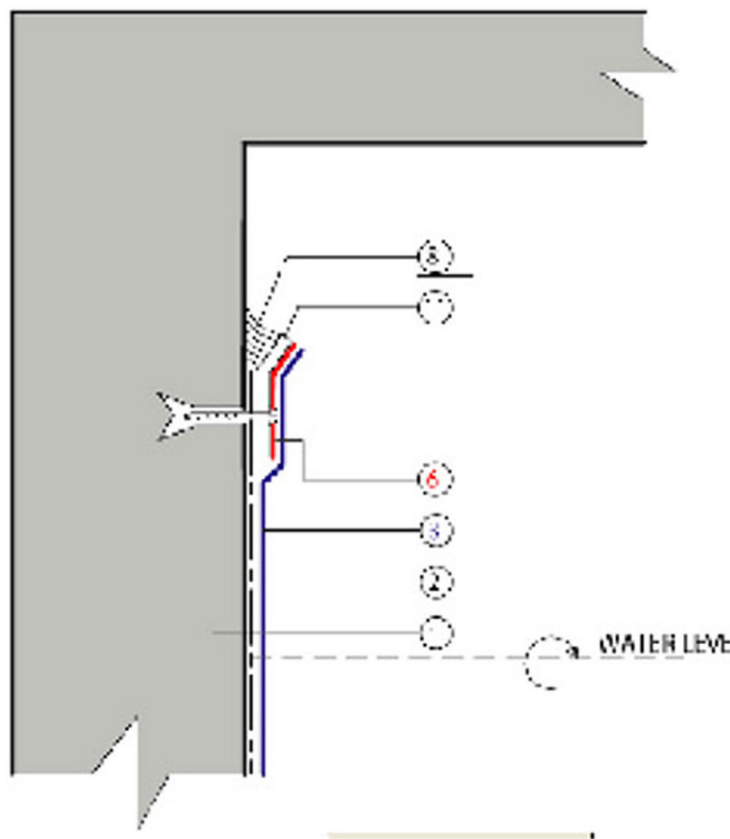
Horizontal PVC membranes must be installed to 300mm height on the vertical walls to enable the welder to join the horizontal membranes at the corners. The membranes will be mechanically fixed with PVC coated angles or strips properly and it will be welded to the vertical PVC membranes.



2 Installation (Vertical Area)

A. Vertical concrete surfaces should be smooth, clean and free from sharp objects, otherwise; a protection layer (non-woven polyester, min.140 gr./m²) will be used to receive PVC membranes.

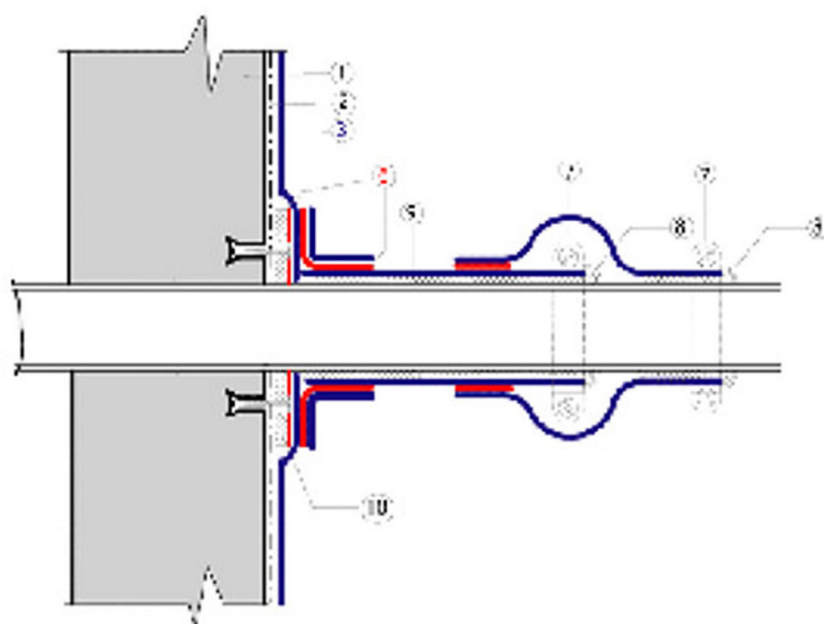
Since 1985



B. Apply PVC LNTR lining membrane vertically by mechanical fixation using aluminum strips (30 mm width with smooth edges) fixed by fasteners at the end of each roll. Overlaps (50mm) will be welded homogeneously using hot air welding technique.

C. PVC coated flashing or Aluminum flashing (50mm width) with one bend (10mm) shall be provided on the termination of the lining membranes. Non-toxic sealant will be filled on the top of the flashing.

D. All inlet and outlet pipes, corners, flanges, ladders, etc. passing through junctions must be completely watertight using pre-formed collars fully bonded/sealed to the mentioned fittings. Dressing can be made on site using the same PVC liner.



DRAWING KEY

1. R.C. Water Tank Shell
2. Protection Layer (Optional)
3. Insuwrap PVC. (1500 LNTR) Non Toxic Liner
4. PVC Coated Metal Angle (50 X 50 X 1.40 mm Thick) Mechanically Fixed on Corners
5. (30mm Width) Aluminum Strip (1mm Thick)
6. Hot Air Welding
7. Metal Clamp
8. Non Toxic Sealant
9. Contact Adhesive
10. PVC. Coated Metal Plate Fixed Around The Pipe
11. PVC Coated Metal Flashing

3 Test Method

To check welding quality at the overlaps, Visual test, Needle test or Vacuum test can be used when necessary.