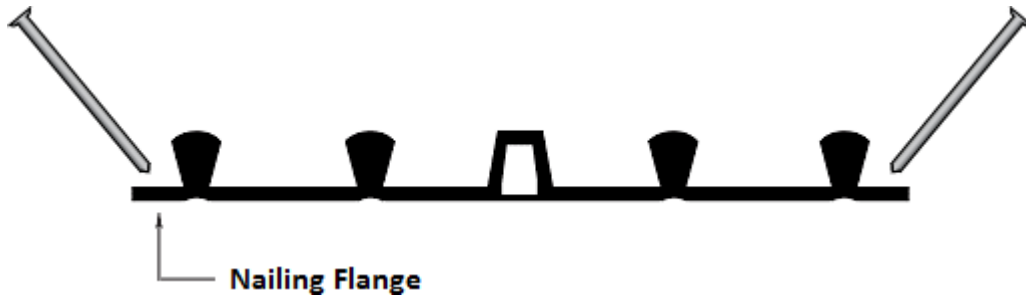


## Baseal® Waterstop Installation Notes



Durajoint Baseal® or External Waterstops, differ from Ribbed or Dumbbell Waterstops in the following ways:

- Baseal® Waterstops are installed prior to concrete placement.
- Baseal® Waterstops are partially embedded in concrete.
- Baseal® Waterstops are not typically secured to rebar.
- Baseal® Waterstops are secured to formwork or prepared subgrade.

Typical installation instructions for Ribbed or Dumbbell Waterstops do not always apply to Baseal® Waterstops. Baseal® Waterstops are partially embedded in concrete, only the side with protrusions will engage the concrete. The flat side of the waterstop is typically installed directly against formwork or prepared subgrade material. A solid base/backing is important when installing Baseal® Waterstops, without proper support the waterstop may “balloon” if exposed to high hydrostatic pressure. As shown in the figure above a nail, double headed nail, spike or stake may be used to secure Baseal® Waterstop to the underlying support. Large nails or spikes are recommended when securing Baseal® Waterstop directly to subgrade. Nails are only to be used on the nailing flange as shown above. For proper Baseal® Waterstop placement the waterstop’s centerline should run parallel, and at the base of the joint’s centerline.

As is the case with any waterstop installation precautions must be taken during concrete placement to prevent movement of the waterstop, movement of the waterstop can lead to improper alignment and failure. Proper consolidation of the concrete around the waterstops is also necessary.

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