



JP Specialties,  
Inc. / Earth Shield®  
Waterstop

### **Base Seal Waterstops**

Base seal type waterstops (sometimes referred to as externally placed waterstops) are installed before placement of concrete and reside either on compacted grade, mud-slabs or vertical formwork. Position base seal waterstops so that only the ribbed side of the waterstop engages the concrete. The design of these waterstops eliminates the need for split forming. A solid backing is required for proper initial support as well as for appropriate in-service performance. Lack of support can lead to ballooning of the waterstop when exposed to high hydrostatic pressure. Base seal waterstops are secured in position by nailing or staking the outer edges of the profile to the underlying support as shown in Figure 1. Doubled headed nails should be placed through the outer edges of the waterstop to secure the waterstop to the formwork. Use larger nails or spikes in securing the waterstop directly to compacted subgrade. Position the waterstop so that the longitudinal centerline of the waterstop coincides with the protected joint. It is imperative that the external side of the waterstop be protected from potential mechanical damage or long-term exposure to ultra-violet light. Take care in the placement of concrete to prevent movement or displacement of the waterstop.

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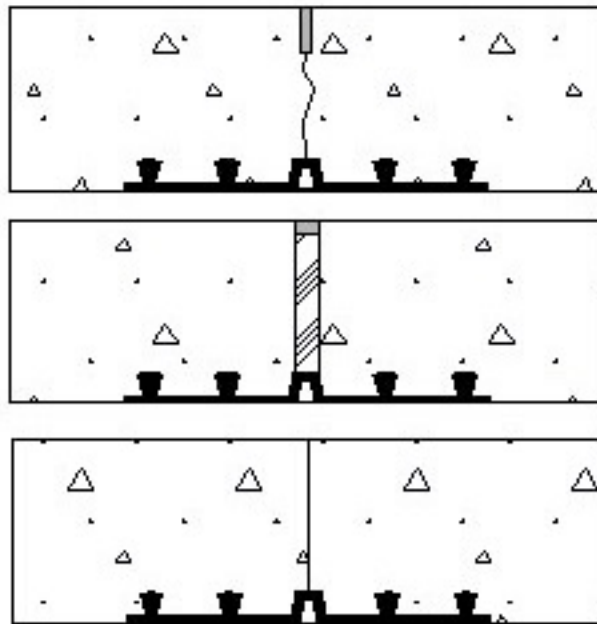
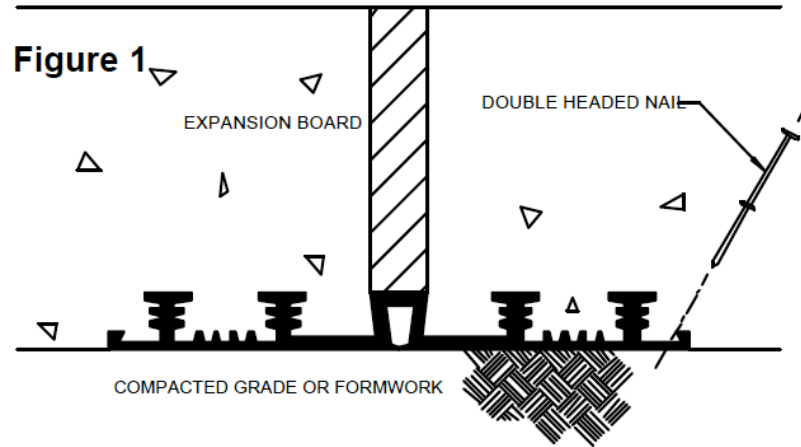


Figure 2