



## Estimating Materials for a PROFORM HD Project

### **Calculate PROFORM HD Footage Needed** (*PROFORM HD Sticks*)

Add up the lengths of all sides of the foundation to be formed for footers. Multiply the total perimeter foundation footage by 2 (assumes inside and outside drainage). Then divide by 10 to determine the number of 10-foot lineals that are needed. Add one more lineal to the total for an extra margin of error. PROFORM HD is also available with sock filter wrap for installations where soil migration may be a concern.

### **Determine Quantity of Fittings Needed** (*Elbows, Crossover Adapters, & Single Outlet Adapters*)

PROFORM HD lineals are equipped with an internal coupler, therefore additional couplers are not needed unless connecting two ends that have been cut.

To determine the number of PROFORM HD Elbows, add up the number of 90° angles for the foundation and multiply by two (assumes inside and outside drainage). (45° elbows can be field fabricated from the 90° elbows so no extra fittings are required!)

Most jobs require one or more crossovers between the inside and outside drainage channels and one outlet point. Each crossover will require two 4" crossover adapters or single outlet adapters (one for inside connection and one for outside connection) and each outlet will require one 4" crossover adapter or single outlet adapter. 2" PVC or 3" Corrugated HDPE pipe may be used for crossovers as well. Check the local building code regarding the number and type of crossovers required.

### **Spacer Bars to Help Set Up Forms** (*Specify 16", 20" or 24" width & 6" or 8" depth of footing*)

Spacer bars are designed to simplify the set up for the forms by holding the form at the correct spacing. Spacer bars are reusable and can be removed as the concrete is poured. Typically one spacer bar is needed every 5 feet of perimeter length. The spacer bars can also be left in place for use as a rebar chair or to increase the stability of the PROFORM HD.

### **Determine Number of Stakes Required** (*Grade Stakes*)

PROFORM HD should be staked every 3 – 5 feet. 18" grade stakes are available for pinning the PROFORM HD and leveling. Some contractors may prefer to use their own forming pins or wood stakes, in which case, grade stakes would not need to be included as part of the bill of materials.

### **Radon Application Needs**

If the PROFORM HD system is to be used for radon evacuation, no additional fittings are necessary. By simply using a Radon Safety Locking Lid with a Prinsco Sump Basin, the vertical ventilation stack can be positioned over the sump pit. Refer to the PROFORM HD Radon Reduction System Guide for more detailed information.