



Estimating Materials for a FORM-A-DRAIN® Job

Sum the total perimeter foundation footage needed

Add up the lengths of all sides of the foundation to be formed for footers. NOTE: FORM-A-DRAIN® usage for crawlspaces and slabs is optional.

Calculate FORM-A-DRAIN Footage Needed

Take the total perimeter footage from above and multiply by two (assumes inside and outside drainage). Then divide by 12 to determine how many 12-foot lineals are needed. Add one more lineal to the total for an extra margin of error.

Determine Total Corner Fittings Needed

Count up the number of 90° and 45° angles and multiply by two (assumes inside and outside drainage).

Determine Total Straight Fittings Needed

Starting in one corner, add one straight coupler for every 12 feet not broken by a corner or outlet. One coupler is needed every 12 feet (90° and 45° angles and outlets count as couplers; do not duplicate in count). Multiply the straight coupler count by two (assumes inside and outside drainage).

Determine Quantity of Outlet Fittings Needed

Most jobs require only one crossover (between the inside and outside drainage channels) and one outlet point. Only one single outlet and one double outlet are needed to accomplish this. If additional crossovers are required by code or if the foundation is over 200 perimeter feet, there are two options: Place two single outlet fittings directly across from one other, or cut holes in the lineals and use standard PVC pipe as indicated in the FORM-A-DRAIN installation video.

Use Spacer Straps to Help Set Up Forms

Spacer straps were designed to make it easier to set up the forms. They are reusable, and should be retrieved before the concrete is poured. Typically, two straps are used for every 12 feet of perimeter length. Two cartons (32 straps) should be adequate for one crew. Do not include spacer straps as part of the bill of materials unless they are to be left in place as a rebar chair.

Determine Number of Stakes Required

FORM-A-DRAIN should be staked every 3 to 5 feet. Some contractors use their own forming pins or wood stakes, in which case they should not be included as part of the bill of materials. **QUESTION FOR CLIENT: What if stakes must be purchased for the job? Is it one or two for every 3 to 5 feet of perimeter length?**

Radon Application Needs

If the FORM-A-DRAIN system is to be used for radon evacuation, one additional single outlet fitting is needed to connect the interior lineals to a vertical stack. Refer to the FORM-A-DRAIN installation video for detailed instructions.

