CertainTeed

Form-A-Drain®
Concrete Forming and Drainage

- Lineals:
  - 4" x 12' LN124
  - 6" x 12' LN126
  - 8" x 12' LN128
  - 10" x 12' LN1210

- Fittings:
  - Coupling 4" XCPL4 (extruded) 6" XCPL6 8" XCPL8 10" XCPL10
  - Coupling with Hole 6" COUP6 (molded) 8" COUP8 10" COUP10
  - 90° Corner 4" CN904 (molded) 6" CN906 8" CN908 10" CN9010
  - 45° Corner 4" CN454 6" CN456 8" CN458 10" CN4510
  - 4" Outlet 4" OUT44 6" OUT46 8" OUT48 10" OUT410
  - 4" Double Outlet 6" DOF46 8" DOF48 10" DOF410
  - Vertical 90° L 4" VL904 6" VL906 8" VL908 10" VL9010

- Accessories:
  - Grade Stake 18" GS018 30" GS030
  - Spacer Strap 4" d x 16" w SS416 4" d x 20" w SS420 4" d x 24" w SS424 8" d x 20" w SS820 8" d x 24" w SS824
  - Snap-in Adapter 4" fits all AD004

The properties, dimensions and weights of lineals and fittings listed here are subject to normal manufacturing tolerances. This information is supplied for user reference only and is subject to change without notice.
## Builders and Contractors Alike Now Have a Revolutionary Way to Design a Superior Foundation System into Their Homes

### Features and Benefits

<table>
<thead>
<tr>
<th>Features</th>
<th>Builder Benefits</th>
<th>Contractor Benefits</th>
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<tbody>
<tr>
<td>Ideally located drainage system, parallel to footing, below foundation wall</td>
<td>Relieves hydrostatic pressure on walls and slabs, reducing risk of cracking</td>
<td>Stay-in-place lineal footing form system</td>
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<td>Drainage system cannot sag or crimp</td>
<td>Reduces risk of blockage or uneven drainage</td>
<td>Eliminates wood or metal form cost, and form removal, cleaning, and transportation costs</td>
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<td>Greater water intake capacity than traditional drain pipe</td>
<td>Ensures rapid collection of ground water. Minimizes possibility of basement water infiltration.</td>
<td>Less elapsed time between footing pour and wall construction</td>
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<td>Level installation</td>
<td>Uniform drainage of foundation; easier to set wallforms and masonry block</td>
<td>Immediate drainage capability</td>
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<td>Smooth interior surface and less chance of build-up and clogging</td>
<td>Allows for free flow of water</td>
<td>Simple adaptation with a round pipe &quot;T&quot; and vertical PVC pipe stack provides radon reduction</td>
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<tr>
<td>Drainage is provided for both the inside and outside of foundation footing</td>
<td>Better protection against basement water infiltration. Reduces risk of cracking and leaking.</td>
<td>Eliminates need for conventional corrugated poly drain tile</td>
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<td>Strong, rigid PVC construction; greater stiffness</td>
<td>Minimizes possibility of system failure due to a collapsed or crushed drainage system</td>
<td>Complete line of lineals, couplings, 90˚ and 45˚ corners, vertical L's, outlets, and accessory items</td>
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<td>Conforms with EPA's &quot;Model Standards &amp; Techniques for Radon Control in New Residential Buildings&quot;. Form-A-Drain is the subject of ICC-ES Legacy Report Number 95-37.01 and CCMC 13492-R.</td>
<td>Acceptance by local code officials and inspectors</td>
<td>No oiling of forms required</td>
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<td>Reduced oil cost and elimination of oil handling and disposal</td>
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<td></td>
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<td>Lightweight lineals: 4&quot; = 7 lbs, 6&quot; = 10 lbs, 8&quot; = 13 lbs, 10&quot; = 14 lbs</td>
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<td></td>
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<td>Reduced job site labor, lower risk of injury, reduced fatigue</td>
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<td>Simple leveling method</td>
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<td>Labor savings during form set-up/installation</td>
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<td>Job site assembly without the use of solvent cement or mechanical fasteners</td>
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<td>Similar set-up time to wood, may reduce overall form set-up time</td>
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<td>Easy to cut with hand or power saw</td>
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<td>No additional or special tools required for cutting; fast installation</td>
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<td>Spacer straps available in pre-determined width dimensions</td>
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<td>Improved set-up time by reducing time used for measuring, possible rebar chair</td>
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*[Image of Form-A-Drain product]*
A well-built home begins with the foundation. That’s why CertainTeed developed Form-A-Drain, a patented, permanently installed system that handles three vital foundation functions. Form-A-Drain: forms the footing, drains the foundation and provides a means for radon reduction.

Time is money. Every contractor knows that time is money. The more jobs you can finish in a day, a week, or a month, the more revenue you generate.

That’s why the Form-A-Drain® Foundation Footing System is such a great idea. It saves you time in several different ways, allowing you to move from one job to the next more quickly.

- Form-A-Drain is used in place of wood to form the footing, then remains in place after the concrete is poured. You don’t have to go back to strip and clean your old forms, load them on the truck, and haul them to the next job.
- Form-A-Drain is both the footing form and the foundation drainage system, so your crew accomplishes these two jobs at the same time. For many contractors, the time saved using Form-A-Drain allows them to complete more jobs, resulting in additional profits.
- Form-A-Drain is easily adapted to be part of a radon gas venting system, so your crew can carry out this job efficiently in areas where code or local practice requires it.

Time, labor and material savings add up in your favor when you use Form-A-Drain. And your customers will appreciate the fact that you’ve incorporated the best available foundation drainage system, a quality CertainTeed product, into their homes.

4", 6", 8", 10" lineals

8" and 10" sizes are suitable for light commercial and large residential construction.
1. PRECISE FOOTING FORMS, PERMANENTLY IN PLACE

Form-A-Drain lineal sections, couplings and corners are designed to ensure a precise form set-up. And because Form-A-Drain is a manufactured product, there are little or no variations from piece to piece — allowing for a very flat and level footing. Optional spacer straps can be used to hold the lineals in place at specified widths for consistent dimensions; rebar stakes can also be used if desired to pin the 90° corners and couplings. Proper staking with forming pins, wood stakes or CertainTeed grade stakes holds the Form-A-Drain system to the proper height as well as helping to keep the forms in place.

One of the many unique features of the Form-A-Drain system is that it stays permanently in place. There’s no need to return to the job site to strip, clean and load wood forms — making Form-A-Drain a very cost-effective way for contractors to complete the forming and draining of the foundation footing.

2. INTEGRATED DRAINAGE

With Form-A-Drain, even as you’re setting up the footing forms, you’re creating the drainage system — two jobs accomplished at one time, with no need to purchase and install separate drain pipe.

Form-A-Drain is an outstanding alternative to perforated pipe when it comes to drainage performance. It has a greater water intake capacity than traditional drain pipe, and its strong, rigid construction assures a quality installation.

Each lineal section is manufactured with one slotted wall, which allows the collection of water at the footing. The collected water then flows through the hollow core of the Form-A-Drain system to the drainage outlet, where it is safely discharged away from the home.

With Form-A-Drain, the foundation system is located where it should be — at the top of and on both sides of the footing. This is the optimum area of a home’s foundation where water can be effectively collected and ultimately discharged away from valuable living space.

Another Form-A-Drain benefit is that it provides drainage on both the exterior and interior sides of the foundation. Crossovers can be used to connect the inner and outer lineal sections, allowing drainage from both sides of the footing to be discharged to either a sump pit or away from the foundation, toward the back of the building lot and safely away from the home. A third option is to position the outlets so that water in the outside lineals drains away from the foundation and water in the inside lineals drains to a sump pit.
3. RADON REDUCTION

The third element of Form-A-Drain’s 3-in-1 advantage is its ability to capture radon from under the basement slab and around the interior perimeter of the foundation footing for venting.

Again, because Form-A-Drain stays in place after the footing is poured, it’s in perfect position to perform as part of a radon reduction system. Simply add a single outlet to one of the inner Form-A-Drain lineals and connect it to dedicated vent pipe, as described in the Form-A-Drain installation guide (40-95-04). Form-A-Drain forms a complete loop around the inside perimeter of the footing, serving as a radon collection point in conformance with the Environmental Protection Agency’s “Model Standards & Techniques for Radon Control in New Residential Buildings.”

“Form-A-Drain allows us to dig the hole, pour the footing and have the complete tile and gravel job done all in one day.”

James Bartels, M.B.I. Construction, Inc., Effingham, IL

“The drain and radon systems are excellent.”

William Alaimo, Confor, Inc., Peckville, PA

“As a custom builder, we’re always looking for ways to save time on the job and improve quality for our customers. We began using Form-A-Drain on our homes several years ago because it’s easy to install and makes a nice looking job. It’s a quality product that’s good for our bottom line and our reputation.”

Joe Nadu, Lancaster Home Builders, Lancaster, PA

“Quality is far superior to conventional methods.”

Erwin Sweet, Perma-Structo, Inc., Sturtevant, WI

“We switched from flexible perforated pipe to Form-A-Drain. It saves time, labor costs and headaches. It’s faster and easier to install on a level grade, virtually eliminating any water problems that might occur.”

John Azzari, Alessio Azzari Concrete, Inc., Mickleton, NJ
Lineals are 12 feet long, are available in profile heights of 4", 6", 8" (2 1/4" width) and 10" (1 1/2" width), and weigh between 7 and 14 pounds depending on profile. Lightweight Form-A-Drain lineals are easy to transport and work with, and can be cut to desired lengths with a hand or power saw.

Available fittings include couplings, 45° and 90° corners, single and double drainage outlets, outlet adapters, and vertical 90° L adapters. Spacer straps come in various widths to ensure proper footing dimensions, and grade stakes are either 18" or 30" in length.

All lineals, fittings and accessories are made to exact CertainTeed product specifications. Fittings are designed for easy assembly, with no need for mechanical or solvent fastening.

Since 1904, CertainTeed has been manufacturing high quality, innovative building products, including roofing, insulation, vinyl and fiber cement siding, vinyl fence, railing and deck and pipe. Our name is derived from the slogan “Quality made certain, satisfaction guaranteed,” and reflects an unwavering commitment to the building professionals who rely on us. This commitment, and our many years of experience in product design, were applied to the challenge of creating a better foundation footing and drainage system — and Form-A-Drain is the result. Form-a-Drain lineals are made from 100% recycled PVC for conformance with “Green” building construction practices.

CertainTeed respects the environment through the responsible development of sustainable building products and systems.

**NEW**

Ask your distributor for the new CertaForm® leave-in-place form – a perfect complement to Form-A-Drain in one-sided drainage applications.