

Creating the  
home you've  
been dreaming  
of!

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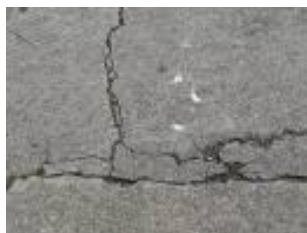
# DOING IT RIGHT

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*With help from D4 Construction*

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Vol. 4 #11



*It's a law of  
nature...*

*Concrete  
cracks...*

## Quick, Repair That Concrete!

### Concrete cracks...

It's a law of nature, concrete cracks. Cracks in your foundation doesn't mean that it's strength has been threatened—reinforcing steel will maintain the integrity of your foundation. But there's another problem.

### So what's the big deal?

Unfortunately these cracks allow water to enter into your home and by now we all know that where there's water - the ever opportunistic mold will follow closely there after.

Moral of the story? You need to fix those cracks ASAP!

If your basement is covered with a waterproof membrane cracks probably won't be an issue for you - providing, of course, that the cracks are not TOO large. If they are, chances are that the membrane will tear and you'll find yourself with a moisture problem after all.

### 3 questions to ask yourself...

When evaluating the cracks in your basement you need to ask yourself these 3 questions:

⇒ Where is the crack? How big is the crack, both vertically and horizontally? How active is the crack?

The answers to these questions will determine how you deal with the crack.

### 1) Where is the crack?

Cracks in the floor where you intend to install vinyl, tile or wood flooring could damage or destroy your flooring. Cracks in the walls could crack and possibly crumble tile and grout. Cracks in the footing could indicate structural problems.

### 2) How big is the crack?

Size matters! Small cracks can be sealed, as explained below. Larger cracks may require a professional to assess and repair.

### 3) Is it an active crack?

An active crack is one that opens up time and again after you've repaired it. If this is the case it's probably a good idea to call in a professional to assess the situation and advise you on what you should do next.

### Is that crack structural?

There are a few easy ways to determine if a crack in your foundation is structural, and therefore more cause for concern, or simply just a crack that you can repair. If you see any of the following it's a good idea to contact a professional to determine if the crack is serious or not, and how best to fix it:

1. The crack runs on a severe diagonal
2. Horizontal cracks in a foundation wall indicate a serious problem

## ***Doing it Right***

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*Repair concrete cracks by injecting them with Polyurethane elastomeric foam...*

3. Crack widths that increase over time
4. Cracks with widths in excess of 3/4"

### **Okay, how can I fix small cracks?**

It's possible to prevent moisture problems by fixing the crack(s) from the inside of your basement. This is a cost effective and quick method that avoids the need for disturbing the soil and landscaping outside of your home.

This repair is done by injecting an expanding urethane foam into the crack. The foam enters the crack as a liquid and when it encounters water it begins to foam and expand, forcing the foam to completely fill the crack from top to bottom, front to back. Once dried the foam will keep the water on the outside of your foundation, where it belongs.

The size of the crack doesn't matter, if water can seep through the crack so can the foam - you won't have to do any drilling or chiseling to make the crack wider.

If your concrete is dry at the time of repair all you need to do is spray about 1/2 cup of water into the crack with a spray bottle to make the concrete wet inside before applying the urethane foam.

Once the foam has hardened and prevented water from seeping in you're ready to do whatever you'd like in your basement.

Okay, now you're ready to go out there and conquer those concrete cracks!

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## **Upcoming Topics**

⇒ In-Home Pest Control

*For more Remodeling articles see our website—  
[www.RemodelingItRight.com](http://www.RemodelingItRight.com)*



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## ***The D4 Guarantee***

**D1** — Your job will be done for the price specified—there are no surprises or hidden costs.

**D2** — Your job will be completed the way you want it done.

**D3** — If you aren't satisfied with the finished product we'll fix it for free.

**D4**— All work comes with a 2-year guarantee on workmanship

### **For more information:**

If you're interested in:

- Protecting the value of your home
- Turning your house into your dream home
- Have remodeling questions—needs

***Then you need to call Mike Spruyt  
250-572-4812***