

# LEVEL RITE CONCRETE

LIFTING | FLOOR COATINGS | REPAIR

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Greetings!

Welcome to our Level Rite Concrete newsletter! This monthly publication will keep you in touch with news and developments which relate to concrete lifting, decorative flake floor systems, and our clean & seal service. Plus exciting happenings in our communities.

Ever wonder why your concrete settles? We have the answers plus great info on why using polyurethane vs. mudjacking for lifting is so much better!

Interested in going green? The article below is for you. We at Level Rite Concrete are excited to be using environmentally friendly products! Read below regarding our super durable polyurethane!

***Don't forget about our awesome Spring special 10% off on our Clean & Seal service. I***

know you want to protect your driveway vs. completely replacing it. Read below to learn all about our Clean and Seal special. You will want to get on our schedule to protect your concrete! Call us today! 219.765.3690

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## Why Does Concrete Settle?

**Poor or improper compaction of the base before concrete was poured:** The weight of the slab will further compact the base after curing, and settlement can happen quickly.



**Climate:** The Polar Vortex, experienced last year by many in the northern hemisphere, wasn't just hard on you, but also on your concrete. Freezing and thawing causes slabs to expand when frost is in the ground - it causes concrete to heave or raise. When the ground thaws, the concrete will settle again, but many times not to where it was originally. This results in trip spots between shifting slabs. On the opposite end of the climate spectrum, heat and drought can cause expansive clay soils to shrink, causing the

slabs to settle. When the clay soils receive rain, and expand once again, the concrete slabs shift and become uneven.

**Erosion:** Damaged water and sewer lines, improperly placed downspouts and excessive rain can all lead to a washout of base materials under concrete causing the slabs to settle.

**Slab Curl/Rocking Slabs:** Slab curl occurs when a relatively large section of concrete is poured. During the curing process, the top slab may cure slightly faster causing the slab to curl, rock, and become unstable. Vibration can also cause slabs to settle.

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## Benefits of Concrete Raising Using Polyurethane



### IT LASTS A LIFETIME!

Polyurethane cures as a solid, impermeable structure which adheres to the concrete and is not susceptible to fracture or failure.

### SOIL STABILIZATION!

Polyurethane is injected as a liquid and reacts within the loosely, uncompacted soils to solidify and stabilize those soils.

### LESS INVASIVE!

Level Rite Concrete uses controlled injections in dime-size holes to raise your concrete quickly and effectively. Mudjacking requires much larger holes.

### LIGHT WEIGHT!

Polyurethane weighs about 2 pounds per cubic ft. Mudjacking material weighs over 100 pounds per cubic foot, which adds a tremendous amount of weight to an already burdened substructure.

### IT'S FAST!

Polyurethane cures within minutes with your concrete ready to use again when we leave the job! Mudjacking can take days.

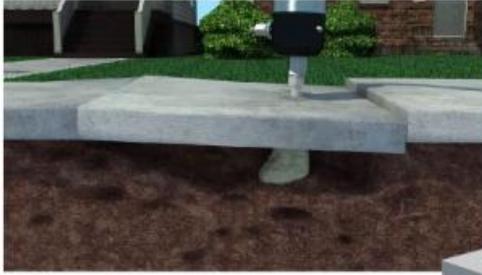
### DEFEND AGAINST MOTHER NATURE SAFELY!

Our safe, recycled, green solution creates a barrier to moisture, chemicals, insects, rodents, additional ground movement and erosion.

# POLYURETHANE FOAM INJECTION

requires fewer holes at less than half the size of traditional mudjacking

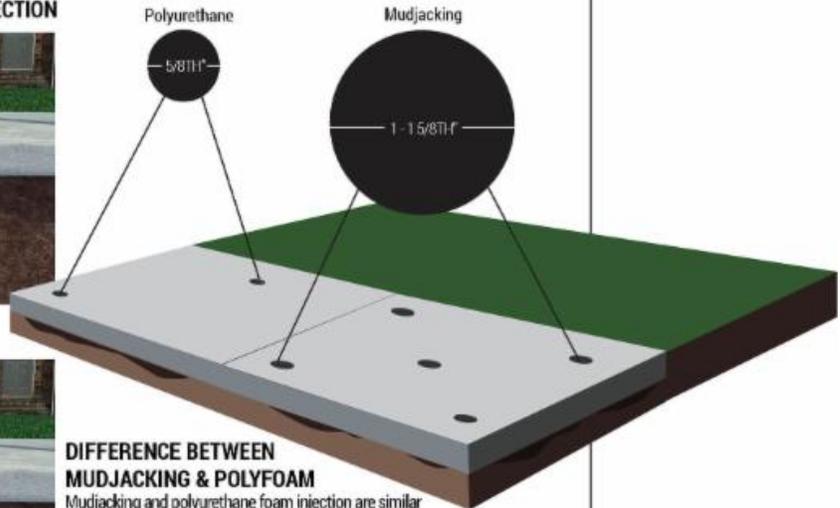
## INJECTION PROCESS FOR POLYURETHANE INJECTION



Two parts of the polyurethane foam travel down a set of hoses separately and mix in the nozzle. They pass through the port and slab in liquid form.



Foam finds low spots and expands in all directions. After approximately six seconds a reaction occurs, expanding into weak soils, compacting, consolidating and increasing density. The foam will expand completely in approximately 15 seconds.



## DIFFERENCE BETWEEN MUDJACKING & POLYFOAM

Mudjacking and polyurethane foam injection are similar in that they inject material under a slab to fill voids.

POLYURETHANE FOAM	MUDJACKING
5/8th" diameter holes	1 to 1 5/8th" diameter holes
Uses water resistant two part poly foam	Uses cement "slurry"
Cures in 15 minutes	Cures in 1-2 days

## Clean and Seal SPECIAL



### 10% Off Clean and Seal Service

Level Rite Concrete uses a sealer that will protect your concrete surfaces from the effects of exposure that cause the damage: severe conditions like rainwater, repeated melting and freezing, and road salts, or de-icers. We will seal the surface, and infiltrate the pores of the concrete, keeping these conditions from further

damaging your concrete. This product will eliminate many concrete problems, but will not change the appearance or the texture of the surface. It also will not discolor the concrete, or cause it to be slippery. Your concrete will be easier to clean, is salt, UV, and stain resistant, and environmentally responsible. Call us today 219.765.3690!

## Decorative Flake Flooring System



### Super Exciting For 2016

For a durable cost effective floor finish many clients are turning to a decorative color flake flooring system. Our priority is to provide a high quality floor system that will upgrade your garage floor. We use professional quality products and put tremendous focus on preparation which is critical to a long lasting durable floor that is impervious to chemicals, easy to clean, and will not succumb to

hot tire pick-up. We have a variety of popular color flake combinations available to match your homes décor, or we can create your own custom blend. Our process takes a day or two to

install and you can return your garage to service for light foot traffic within 24 hours of completion. When finished, you will have a garage floor that is exceptionally durable and is easy to clean with a showroom quality finish that will last for many years. Call us today 219.765.3690!

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## Going Green



It's the right thing to do. It feels good. It's morally responsible. It secures our future. It sells. However, the phrase is also trendy, ambiguous, a possible marketing ploy, and often misused. Green technology has come a long way, and has also just begun.

During the race to go green, we have seen great success and innovation, but in some cases, a compromise in product quality. Sometimes what helps Mother Earth in one way completely wrongs her in another.

What is the right balance between being environmentally responsible, competitive, and having the best product on the market?

We at Level Rite Concrete understand. We, like you, have very high standards. We want to have our cake and eat it too. We want to provide the highest quality products on the market that are also genuinely environmentally responsible. We don't just want to stick a "green" label on the packaging in order to stay current with the trend.

Level Rite Concrete has found the answer (well, actually two answers):  
**RECYCLED AND RENEWABLE.**

### **Recycled**

The foam we use contains recycled material. It's because we are extremely proud to be a provider of polyurethane foam used for concrete lifting that uses recycled material (patent pending). Our pride comes from the fact that not only does the recycled content provide a truly "green" aspect to the material, but it also takes the quality of the product to the next level. It's really a win-win.

I know what you're thinking. "How can adding 'junk' foam to this product really make it better?" To answer this, let us break it down (no pun intended).

The recycled content begins with scrap polyurethane foam. The scrap comes from one source making it a consistent and reliable product. It is not a hodgepodge of waste foam - this scrap has never been used. This originally petroleum based product is given new life in the foams instead of being shipped to a landfill. It is chemically broken down, all the way down to its basic chemical building blocks using cutting-edge patented technology that you will not find in any other concrete lifting foams. The product is then "rebuilt" into a custom polyol - a polyurethane component that is perfect fit for what we want it to do. The recycled component is reactive, fast,

strong, stable, and above all great at lifting concrete! Recycled material actually helps to cut back on other (what we would consider) "junk" in the form of chemicals, catalysts, and other additives that typically need to accompany solely petroleum-based products. If we haven't caught your attention yet, recycled material and less additives also means that we can offer very competitive pricing that doesn't increase with the rising cost of oil.

### **Renewable**

Another avenue to take in the direction of "going green" is to lessen our dependence on oil. While recycling foam is a great way to utilize foam that would otherwise sit in a landfill, it is still a petroleum product. This is where we step in and give the recycled component the perfect companion - a renewable polyol.

The term "renewable" is often confused with "recycled". In fact, even some polyurethane manufacturers will label their product as being recycled when actually it contains renewable components. "Renewable" means that its carbon content comes from sources that can be replaced (unlike oil). There are many different sources possible; some are better than others. Often polyurethane manufacturers will find that only a small concentration of polyols from renewable resources can be incorporated into a formula before the resulting foam becomes compromised. They are usually quick to label their products as "green", when only a very small percentage comes from renewable resources.

That's not the case here. At Level Rite Concrete, we are very proud of the renewable content in the foam that we use. As with recycled content, the manufacturers of our foam have found a way to incorporate renewable materials into the foam that actually benefits the overall product quality. This renewable content will soon be officially labeled to also give us a nod in the green market.

And we don't plan to stop. Our promise is to continue to lead the way with the most environmentally friendly, innovative, highest quality products on the market that we offer to our customers. Not because we want to jump on the trendy "green" bandwagon, but because it's the right thing to do.

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## **Coffee With A Cop (Munster, IN)**



The Munster Police Department held a "Coffee with a Cop" Event at Munster Donut on Saturday, April 16th. There were many residents that came to visit. Even K-9 Django and a police car were also on-site for residents to take a look at. Great event! Thank you for your service.

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## **Thank You For Your Business!**



**We totally love our customers! Thank you for being so awesome!**

For a chance to WIN this month's giveaway... Please leave a testimonial about our work on [Google+](#) or [Yelp](#). We appreciate your comments!

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Thank you for joining us for our newsletter. We appreciate YOU! TALK TO US! We welcome your comments and suggestions at any time!

Please help us spread the word - by forwarding this email to your family and friends. There is an easy link below.

We love our fans! Please remember to **LIKE** us on [Facebook](#), **FOLLOW** us on [Twitter](#) and **CONNECT** with us on [Google+](#).

Have an awesome day!

Sincerely,

***Joe and Jenn  
Level Rite Concrete  
219.765.3690***



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