



## RR201 - 2lb Concrete Raising Foam

Polyurethane foam to raise and level concrete in a residential setting? You bet!

Almost all concrete driveways and walkways will eventually sink over time. This produces uneven concrete which causes tripping hazards and creates unaesthetic curb appeal.

**TAKE CONTROL - DON'T LET UNEVEN SLABS WREAK HAVOC ON YOUR PROPERTY**

### About RR201 Polyurethane Foam Material

RR201 is a 2.5 lb. per cubic foot density foam that was developed to have a fast reaction time and good spread offering more control when lifting slabs of concrete. This is the first HMI foam specifically designed for residential polyurethane concrete raising.

### Residential Applications:

- Driveways
- Patios
- Garage Approaches
- Sidewalks
- Pool Decks
- Walkways

**Raising and stabilizing concrete slabs with HMI dual component polyurethane foams.**





**HMI foam specifically designed for joint/slab stabilization has a very long reaction time and minimal expansion strength. It will take longer to expand, allowing for better coverage under the slab or down a void along a joint.**

**RR 201**

<b>Density ASTM D1622</b>		<b>Open Cell Content ASTM D2856</b>	
Average (lbs./ft <sup>3</sup> )	2.50 – 2.99	Closed Cell Content (%)	86.18
<b>Compression Properties ASTM D1621</b>			
Modulus (psi)	525	<b>HMI Testing</b>	
Proportional Stress (psi)	20.9	Time at Reaction (mm:sec)	00:10
Proportional Elongation (%)	4.3	Peak Exotherm (°F)	247
Crushing Strength Stress Avg. (psi)	32.4	Time at Peak Exotherm (mm:sec)	00:24
Crushing Strength Elongation (%)	16.2	Time at Tack Free (mm:sec)	00:18
		Time at Peak Expansion (mm:sec)	00:32
<b>Tensile Properties ASTM D1623</b>			
Modulus (psi)	1147	<b>Water Absorption ASTM D2842</b>	
Breaking Strength Stress Avg. (psi)	42.4	Water Absorption (Vol. Basis) (%)	0.8
Breaking Strength Elongation (%)	5.2	Water Absorption (Area Basis) (lb/ft <sup>2</sup> )	0.026
		Water Absorption (Weight Basis) (%)	11.3
<b>Shear Properties ASTM C273</b>			
Modulus (psi)	147		
Proportional Stress (psi)	8.7		
Proportional Elongation (%)	6.0		
Breaking Strength Stress Avg. (psi)	11.0		
Breaking Strength Elongation (%)	15.3		

**Did you Know?**

**HMI does not use Toxic Chemicals**

Major toxic chemicals, often associated with some types of polyurethanes, such as some blowing agents, formaldehyde, benzene and toluene are NOT used in HMI foams. Most of what is warned against on the Internet pertains to these chemicals.

**As Safe as the Cushions you sit on!**

The foam we install under ground is like the foam in your mattress and or in your couch. Instead of it being built in a factory, we make the foam directly under the slab. Instead of being light and fluffy it is firm and strong.

**Directly from the EPA**

The EPA states that cured polyurethane is safe unless burned or ground into a fine dust.

**ABOUT HMI** – HMI, founded in 1974 is the world leader in: manufacturing equipment, system development and polyurethane material formulation for lifting and leveling concrete.

