



## PatriotFil 475G

### PRODUCT DESCRIPTION

PatriotFil 475G is a two-component, closed cell, rigid, slab jacking foam designed to augment the lifting force underneath a foundation or substrate providing a workable solution for settling problems with foundations, roadways, sidewalks and slabs.

PatriotFil 475G has a reaction profile for deep injection that flow and penetrate voids that cause foundations and slabs to settle as they age. Once inside the void, the foam is designed to set up quickly and generate a stability and lift for the foundation or slab.

### RECOMMENDED USES

- Filling voids
- Undersealing concrete slabs and foundations
- Concrete slab lifting and stabilizing
- Compaction of grouting soil

### SYSTEM PROPERTIES

A Side Viscosity, cps	150 - 250
B Side Viscosity, cps	500 - 800
Specific Gravity:	A: 1.22
	B: 1.18

### PHYSICAL PROPERTIES (FREE RISE @ 75°F):

Core Density (lb/ft <sup>3</sup> )	ASTM D-1622:	4.5 - 5 lb/ft <sup>3</sup>
Compressive Strength	ASTM D-1621:	150+ psi
Dimensional stability	ASTM D 1042/D-756:	no shrinkage
Cream Time	20 - 22 seconds	
Tack Free Time	45 - 50 seconds	
85% full strength	15 minutes	

### STORAGE & SHELF LIFE

Storage temperatures 65-85°F (18-29°C)  
Shelf life from date of manufacture (unopened containers):

A-Side: 12 months      B-Side: 6 months

Keep Container tightly sealed.  
Store out of direct sunlight in a cool dry place, avoid freezing.

### RECOMMENDED EQUIPMENT SETTINGS

Varies by work environment:

Static Pressure	(A&B): 1000-1400 psi
Dynamic Pressure	(A&B): 1000 psi minimum
Primary Heaters	(A&B): 100-130°F
Hose Heaters:	100-130°F
Dispensing Ratio	1:1 by volume

### APPLICATION

When changing between different resin systems, flush adequate amount of material through the gun to clear hose lines of previous material. Application of slab-jacking foam requires specialized gun adapter parts.

### HEALTH & SAFETY

Patriot Foam & Coatings is committed to the health and safety of our customers. Patriot Foam & Coatings products shall only be installed by certified contractors. Applicators are required to follow all proper handling, safety and installation procedures. For more information, consult the product MSDS, contact the SPFA [www.sprayfoam.org](http://www.sprayfoam.org) or the ACC [www.spraypolyurethane.org](http://www.spraypolyurethane.org).