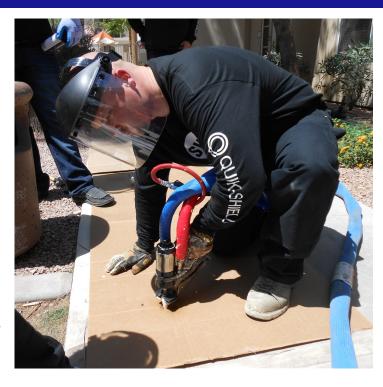# QUIK-SHIELD ® 232
Slab-Jacking Foam

QUIK-SHIELD® 232 slab jacking foam is a rigid, closed-cell, two component foam that is specifically engineered to increase the bearing capacity of the ground beneath a foundation or substrate.

QUIK-SHIELD® 232 fills, stabilizes and densifies low-density compressible soil and other substrates. This provides an ideal solution for settlement and subsidence problems with foundations, roadways, sidewalks and slabs with problematic sub-bases.

QUIK-SHIELD® 232 has a reaction profile that features a slow front end followed by a quick rise and set on the back end. This reaction profile allows the foam to flow and penetrate into geological voids which cause foundations and slabs to settle unevenly. Once inside the void, the foam is designed to set up quickly and generate stability and lift for the foundation or slab.

When compared to other solutions, such as mud jacking, grout injection, or grinding, there is no comparison. Quik-Shield 232 slab jacking foam delivers faster, more stable , and more cost effective solutions.

QUIK-SHIELD® 232 Advantages
- Superior expansive properties enable better void fills and soil compression
- 90% faster than competitive solutions
- Fast installation, curing and cleanup
- Lightweight (less than 5% of comparable quantity of cement or grout) - reduces the risk of overburden on already distressed soil
- Up to 75% less than slab replacement cost
- Precision adjustment to 1/8"
- Environmentally neutral and inert cured material
- Does not contribute to soil or water contamination

ACCEPTANCE & COMPLIANCE

FAST & EFFECTIVE:
90% faster than competitive solutions
Project work completed in hours versus weeks
Fast installation, curing and cleanup
Minimizes or eliminates work zone delays
Up to 75% less than slab replacement cost
Precision adjustment to 1/8"

FAST CURE:
Tack free in 60 seconds
Surface available for immediate use

ENVIRONMENTALLY FRIENDLY:
Low VOC, no solvents, no ozone-depleting properties.

PHYSICAL PROPERTIES

HANDLING PROPERTIES:	A Side	B Side
Viscosity, cps	250±50	1500 – 1800
Specific Gravity	1.23	1.2

PHYSICAL PROPERTIES (FREE RISE @ 77°F):	232-2.5	232-4
Core Density (lb/ft3)	2.5	4.0
Compressive Strength (psi)	28-32	70-80
Cream Time (sec)	5-7	5-7
Gel Time (sec)	14-17	14-17
Tack Free Time (sec)	18-21	18-21

PROCESSING INFORMATION

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:
• Static Pressure (A&B):   1100-1400 psi
• Dynamic Pressure (A&B):   1000 psi minimum
• Primary Heaters (A&B):   100-120°F (38-49° C)
• Hose Heaters: 100-120°F (38-49° C)
• Dispensing Ratio 1:1
• No recirculation

MIXING:
• Do not mix.

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. Contact SWD Urethane for details.

HEALTH & SAFETY:
SWD Urethane is committed to the health and safety of our customers. SWD and Quik-Shield® products shall only be installed by a SWD Urethane certified contractor. 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) or the ACC (www.spraypolyurethane.org).

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