



SWD Quik-Shield® |250 Spray Insulation Foam

SWD Quik-Shield® |250 is a low viscosity, two component, 2lb closed-cell, spray-applied, rigid polyurethane foam.

SWD Quik-Shield® |250 may be used as both interior or exterior insulation on commercial, residential, agricultural, and industrial structures. It is also ideal for use with:

- Silo's
- Spas
- Freezers / Coolers
- Storage Tanks
- Bathtubs

SWD Quik-Shield® |250 creates a seamless, water resistant barrier that stops air infiltration and removes gaps that allow insects, pests and dust to infiltrate.

SWD Quik-Shield® |250 provides excellent insulation with an R-Value of 6.8 per inch, and can reduce heating and cooling costs by up to 40%.



SWD Quik-Shield® |250 an ideal insulation solution

Closed-cell insulation foam is an ideal way to insulate a building. It provides more insulation in less space.

Compared to traditional insulation methods, foam insulation provides higher energy efficiency, higher R-values, as well as better moisture and condensation control. It also provides superior noise reduction along with the ability to reduce air infiltration and pest migration.

SWD Quik-Shield® |250 is environmentally friendly.

- Reduces energy consumption
- Zero ozone depleting
- Formaldehyde & VOC free
- Improves indoor air quality
- Promotes sustainable design

Tested & Approved

SWD Quik-Shield® |250 is UL approved and Energy Star certified





SWD Quik-Shield® |250

Insulation Foam - Specifications

CHARACTERISTICS:

INSULATION PROPERTIES:

- R-Value – 6.8 per inch
- More insulation in less space
- Saves energy and building material costs
- Performs equally in hot or cold temperatures

SEAMLESS INSULATION:

- No joints or seams to leak air or water
- Reduces dust, gas, odor and noise penetration

MONOLITHIC:

- Solid, one-piece construction
- Increases structural stability

SELF-ADHESIVE:

- No fasteners needed.
- Attaches chemically to wood, metal, tile, pipe, etc
- Saves material and labor

WATER AND MOISTURE RESISTANT:

- Undamaged, closed cell foam will not absorb water
- Will not allow water to penetrate.
- Vapor can pass through foam, allowing wall to breathe

LIGHT WEIGHT:

- High strength to weight ratio.

SAFE TO USE:

- Contains no urea formaldehyde.
- Does not give off toxic fumes after application.
- Contains no carcinogens.

SHELF LIFE:

- Six months from date of manufacture in unopened containers when stored at 50-80°F.
- Store out of direct sunlight.
- Remove bung covers with caution.

APPROVALS/ COMPLIANCE:

- UL 94 HBF SWRI File

PROCESSING INFORMATION:

- Under normal operation conditions, pre-heater setting should be 120°F-140°F. Hose temperatures are dependent on weather conditions and processing equipment, with 110°F for most types of plural component 1:1 dispensing equipment to achieve proper atomization of liquid components.

PHYSICAL PROPERTIES:

RELATIVE INSULATION VALUES (initial values):

k-Factor	R Value/ in.	Thickness
0.147	6.8	1"

HANDLING PROPERTIES :

(Based on regular grade formulation @ 75°F)

	"A" Compound	"B" Compound
Viscosity, cps	500	1100
Specific Gravity	1.23	1.175
Mixing Ratio	50	50

REACTIVITY PROFILE/ HAND MIX (@ at 75°F):

- Cream Time (seconds)
- Gel Time (seconds)
- Tack Free Time (seconds)
- Rise Time (seconds)
- Cure Time @ 75°F (hours)

	Procedure*	Values
Core Density, pcf. nominal	D-1622	2.0
Tensile Strength	D-1623	
Dimensional Stability	D-2126	
Open Cell Content, %	D-2856	
Closed Cell Content, %	D-2856	
Water Vapor Transmission	E-96	53.00
Thermal resistance (k Factor)	C-177	0.147

*NOTES: ASTM Test Method Reference Number

WARNING: Polyurethane products manufactured or produced from these chemicals may present a serious fire hazard if improperly used or allowed to remain exposed or unprotected. The character and magnitude of any such hazard will depend upon a broad range of factors, which are controlled or influenced by the manufacturing or production process, by the mode of application or installation, and by the function and usage of the particular product. Each person, firm or corporation engaged in the manufacture, production, application, installation, or use of any polyurethane product should carefully determine whether there is a potential fire hazard associated with such product in a specific usage, and utilize all appropriate precautionary and safety measures.

SWD Quik-Shield® |250 is also available in a 3.5lb formulation

This information herein is believed to be reliable, however, unknown risks may be present. SWD Urethane Company makes no warranty, expressed or implied, concerning this product's merchantability or fitness for any particular use. The only warranty SWD Urethane Company give is that the product meets the specifications herein listed, and in the event that it does not, that SWD Urethane Company will replace, at its costs SWD Urethane Company's product. The foregoing constitutes SWD Urethane Company's sole obligation with respect to damages, whether direct, incidental or consequential, resulting from the use or performance of the product.

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