

SWD 125 RIGID SPRAY- APPLIED POLYURETHANE INSULATION FOAM (Two Liquid Components)

DESCRIPTION:

SWD 125 is a low viscosity, two component, closed-cell, spray-applied rigid polyurethane foam system. This product meets current building codes for roofing and is ideal for use with all types of plural component 1:1 dispensing equipment.

APPLICATIONS:

- Roof Insulation and waterproofing membrane.
- Storage tank Insulation
- Bathtub liner insulation and structural support
- Freezers/ Coolers

CHARACTERISTICS:

- **Superior Insulation Properties:**
Highest R-Values - 7 per inch.
More insulation in less space.
Saves energy and building material costs.
Performs equally in hot or cold temperatures.
- **Seamless Insulation:**
Stops air infiltration
No joints or seams to leak air or water.
- **Monolithic:**
Solid, one-piece construction.
Increases structural stability.
- **Self-Adhesive:**
No fasteners needed, attaches chemically and mechanically to wood, metal, plastic, etc.
No unnecessary holes in substrates that cause leaks.
Strong adhesion, not effected by wind.
- **Water and Moisture Resistant:**
Undamaged, closed cell foam will not absorb water or allow water to penetrate.
Water vapor can pass through foam, allowing roof to breathe.
- **Light Weight:**
High strength to weight ratio.
- **Cost Effective:**
Lifecycle costing of polyurethane insulation foam offers energy savings in lower heating and cooling costs.
- **Environmentally Friendly:**
Reduces energy and fossil fuel requirements.
No CFC's, HCFC's or VOC's. No adverse impact on ozone layer. No contribution to global warming.
Finished product is chemically inert and may be safely disposed in landfills or recycled.
- **SHELF LIFE:**
Six months from date of manufacture in unopened containers when stored at 50-80°F.
Store below 75 °F out of direct sunlight.
Remove bung covers with caution.

RELATIVE INSULATION VALUES:

(Based on initial values) k-Factor R Value/in. Thickness

Sprayed Rigid Polyurethane Foam
0.15..... 6.8.....1"....

APPROVALS/ COMPLIANCE:

E-108, UL 790 Class A Roof System: Construction # 136, 181, 206, UL file R-9303.

HANDLING PROPERTIES OF SWD 125 Liquid Products:

(Based on regular grade formulation at 75 F.)

"A" Compound "B" Compound

Viscosity, cps..... 500.....500
Specific Gravity.....1.23.....1.225

MIXING RATIO:

Parts by Volume.....5050

REACTIVITY PROFILE:

Cream Time, seconds5-6
Tack Free Time, seconds....12-15
Cure Time @ 75°F, hours4

PHYSICAL PROPERTIES OF SWD 125 Finished Products:

Property	Procedure*	Values
Core Density, pcf nominal	D-1622.....	2.5 - 3.0
Thermal Resistance/ k Factor	C-177.....	0.15

*NOTES: ASTM Test Method Reference Number

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. Hose pressure should be 800 to 1500 psi depending upon equipment.

Ask your SWD Technical Sales Representative how we can help you own or lease the right equipment for application of this product. Always buy direct from SWD Urethane Company – **No Franchise Fees.**

“Only The Best”

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.