



SPUF 300

SPRAY-ON POLYURETHANE FOAM

TWO-COMPONENT CLOSED CELL POLYURETHANE RIGID SPRAY-ON FOAM

SPUF 300 spray on polyurethane foam is a two-component designed foam that form a seamless layer to a specific thickness with high insulation proper ties. **SPUF 300** is very versatile for multiple application e.g. for cavity filling, heat & sound insulation, and void sealing. **SPUF 300** has excellent chemical resistance to acid and alkaline beside able to withstand water permeability. Due to its closed cell structure & hydrophobic nature, rigid polyurethane foam show little propensity to absorb water.



ADVANTAGES

- + High insulation properties
- + Primary waterproofing resistance
- + Hydrophobic & Seamless
- + Bonding to many types of surface
- + Closed-cell structure

SURFACE PREPARATION

The substrate must be sound, clean, dry, and free of laitance, dust, and grease.

IMPORTANT INFORMATION

- + **SPUF 300** system consists of methylene diphenyl diisocyanate (MDI) as part A, and part B consists of polyol, catalyst and other additives.
- + The machine's heating element & surface temperature would have an impact on foam density.
- + Spray **SPUF 300** in several layers to achieve a desired thickness or volume.
- + Avoid spraying onto raising foam.
- + Workers must wear protective gear during the process of handling machine.
- + Standard professional procedure shall be followed for best result and safety.

APPLICATION

A primer coat shall be recommended on dusty surface. **SPUF 300** can be applied on waterproofing layer like asphalt, bitumen, polyurethane, acrylic and most substrate. **SPUF 300** shall be applied by using a plural machine with heating parameters.

TECHNICAL CHARACTERISTIC

Gel time	3s
Dry time	16s
R Value	6.5/inch ASTM C518
Core Density	30±3 kg/m ³ ASTM D1622
Compressive Strength	33-38 psi ASTM D 1621
Closed-cell Content	> 90%
Water absorption	< 2%
Shelf life (un-open)	6 months @ <26°C



POLYCELL TECHNICAL DEPARTMENT

OUR COMPANY COMMITMENT – PolyCell's personnel are all fully trained to provide product information, guideline, training and technical assistance. We also provide product presentation and technical specification to Architects and Engineers.

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PolyCell Sdn Bhd (464311-M)

No.14, Jalan PJS 1/30, Taman Petaling Utama, 46000 Petaling Jaya, Selangor.

Tel: 603-7783 4368 , 603-7496 2788 Fax: 603-7783 4369

Web site : <http://www.polycell.com.my/> email : polycellsb@gmail.com, enquiry@polycell.com.my