**** Master Pack Quick-Shield® |125 **®** |**125R**Roof Foam

**Spray Polyurethane Foam**

**Master Pack Quik-Shield® |125** is a low viscosity, two

component, 2.5 - 3.0 lb closed-cell, spray-applied

rigid polyurethane foam . This product meets

building codes for roofing and is ideal for use as an

insulating air barrier and as part of an energy

efficient building envelope.

**Master Pack Quik-Shield® |125** creates a monolithic, water

resistant barrier that stops air infiltration. It also

provides excellent insulation with an R-Value of 6.8

per inch

**Master Pack Quik-Shield® |125** quickly adheres to roofing

substrates to strengthen and waterproof new and

existing roofs (many times without a costly tear off).

**Master Pack Quik-Shield® |125** roof systems are

environmentally friendly because they reduce energy

use, reduce a building’s carbon footprint, and reduce

landfill space requirements. They also contain no CFC’s,

or HCFC’s.

**Master Pack Quik-Shield® |125 - an ideal roofing solution**

Up to 50% of all energy used in a building can be

literally lost through the roof.

**Master Pack Quik-Shield® |125** can significantly reduce that loss

and increase the performance of your building by

creating a seamless monolithic roofing system.

**Master Pack Quik-Shield® |125** is able to add structural stability and

increase resistance to wind uplift and hail damage.

**Master Pack Quik-Shield® |125** also provides high R-value

insulation, reduces air infiltration and ’bellowing’ and

restricts water and vapor transmission.

As a self adhering system, **Master Pack Quik-Shield® |125**

requires no mechanical fasteners which reduces

installation time as well as structural waste.

**Tested & Approved  **

Master Pack Quik-Shield® |125CRRC, Energy Star, California

Bureau of Home Furnishings & LEED compliant.

ICC, UL, California Fire Marshall approved

SWD Urethane Company 222 S. Date St. Mesa, AZ 85210

) 828-

Master Pack Quick-Shield® |125 **®** |Roof Foam Specifications

2- S. Date St. Mesa, AZ 85210 swdurSethane.com (800) 828-1394

4/18/08

**CHARACTERISTICS:**

**INSULATION PROPERTIES:**

R-Values: 6.8 per inch.

Noise Reduction Coefficients: 20%

Performs equally in hot or cold temperatures.

**SEAMLESS INSULATION:**

Stops air infiltration

No joints or seams to leak air or water.

Reduce dust, gas, odor and noise penetration

**MONOLITHIC:**

Solid, one-piece construction.

Increases structural stability.

**SELF-ADHESIVE:**

No fasteners needed,

Attaches chemically to wood, metal, plastic, tile, pipe, etc.

No unnecessary holes in roof substrates from fasteners

**WATER MOISTURE RESISTANT:**

Undamaged, closed cell foam will not absorb water

Water vapor can pass through foam, allowing roof to

breathe and help prevent condensation and mold.

**LIGHT WEIGHT:**

Weight Per Square (at 1”):30 lbs

High strength to weight ratio.

**SAFE TO USE:**

Contains no urea formaldehyde or carcinogens.

Does not give off toxic fumes after application.

**ENVIRONMENTALLY FRIENDLY:**

Reduces energy and fossil fuel requirements.

No CFC's, HCFC’s

Low VOC's.

No adverse impact on ozone layer.

Finished product may be recycled or landfill disposed.

**SHELF LIFE:**

Six months from date of manufacture in unopened

containers when stored at 50-80°F.

Store below 75 F and out of direct sunlight.

**PHYSICAL PROPERTIES:**

**RELATIVE INSULATION VALUES (initial values):**

k-Factor R Value/ in. Thickness

0.16 6.8 1”

**HANDLING PROPERTIES :**

(Based on regular grade formulation at 75°F.)

"A" Compound "B" Compound

Viscosity, cps 500 500

Specific Gravity 1.23 1.18

Mixing Ratio 50 50



Master Pack Quick-Shield® |125 **®** |Roof Foam Specifications

**REACTIVITY PROFILE:** Winter Inter. Summer

Cream Time, seconds 1-3 3-4 4-6

Tack Free Time, seconds 7-9 9-11 11-13

Cure Time @ 75º, hours 4 4 4

Rise Time, sec 12-14 14-18 18-24

Procedure\* Values

Core Density, pcf nominal D-1622 2.5 - 3.0

Compressive Strength,psi D-1621 42

Tensile Strength, psi D-1623 75

Closed Cell, content, % D-2856 95

Thermal Resistance C-1770 14.8

Dimensional Stability D-2126 1.07

\*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. Remove bung covers with caution.

**WARNING:** Polyurethane products produced from these chemicals may present a serious fire hazard if improperly used or allowed to remain exposed or unprotected. Specific hazards will depend upon a broad range

of factors, which are controlled or influenced by the manufacturing process, the mode of application or installation, and 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 fire hazard associated with such product in a specific usage, and utilize all appropriate precautionary and safety measures.

**APPROVALS/ COMPLIANCE:**

ICC-ES Report #3132

E-108, UL 790 Class A Roof System:

Construction # 136, 181, 206, UL file R-9303.

California Fire Marshal Listing No. 040175-1321:100

California Bureau of Home Furnishings: Reg#. CA – T030



32302 Camino Capistrano #201, San Juan Capistrano, CA 92675

949-487-2068 (fax) 949-487-2312 – [www.masterpkg.com](http://www.masterpkg.com) – sales@masterpkg.com