

DUOTACK® SPF

Polyurethane Foam Adhesive Spray Canister Kit

DESCRIPTION

DUOTACK® SPF is a fast-acting, two-component, low-rise polyurethane foam adhesive designed to adhere most insulation types to a wide selection of common roof decks and substrates. Backed by our proven DUOTACK® formula, DUOTACK® SPF canister based application was specifically developed with rooftop productivity in mind.

ADVANTAGES

- ▶ **Self-contained, equipment free application** – DUOTACK® SPF's easy-to-use, pre-assembled kit, eliminates the need for expensive equipment to buy and maintain.
- ▶ **Increased rooftop productivity** – DUOTACK® SPF's canister system provides faster set-up and shut down, the trigger-lock dispenser with stop and start capability prevents material waste.
- ▶ **Greater coverage rates** – Canister-based application can provide up to 20% more coverage and up to 30 squares per set for insulation attachment, depending on the weather conditions and insulation type.
- ▶ **Excellent for sensitive populations** – DUOTACK® SPF's odor free, ultra-low VOC formula provides safer working conditions. In addition, less equipment means reduced job site noise and less disruption to building operation and it's occupants.

PACKAGING & COVERAGE

Packaging	Canister
Each Kit Includes	Part A Canister Part B Canister 25 ft hose Gun assembly 10 replacement nozzles
Shipping Weight	PART A = 50 lb PART B = 46 lb
Coverage Rate* (per set)	3,000 SQ FT
Quantity (per pallet)	40 sets

*All coverage rates are based on a consistent bead size of 2.5 inch wide ribbons on 12 inch on center spacing. Coverage rates are approximate and vary depending on surface roughness and absorption rate of the substrate.



TECHNICAL CHARACTERISTICS

WORKING TIMES*	
Rise Time	90 seconds
Curing Time	10 - 20 Minutes
Tack Free	1 - 8 Minutes

*All working and cure times are approximate and may vary upon wind, humidity and ambient/surface temperatures.

STORAGE

Containers should be stored in a cool, dry indoor environment at temperatures between 50 - 80°F. Do not store in direct sunlight or near heat sources. PROTECT FROM FREEZING. Approximate shelf life is 12 months with proper storage.

Partially used containers:

Turn the valves into their OFF position. Do not drain the chemical from the hoses. Slide the safety on the applicator gun into the LOCKED position.

Remove the nozzle, but do not throw away. Clean off the end of the gun to ensure the chemical exits are not obstructed.

Apply fresh petroleum jelly to the rubber ring and reattach the used nozzle which will keep air and moisture out of the lines.

Remaining contents must be dispensed within 30 days of the date of initial use. After every 7 days without use, dispense a small amount of chemical to prevent crystallization from occurring in the hoses.

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APPROVED SUBSTRATES

- HD wood fiber
- Polyisocyanurate
- Perlite
- Polystyrene
- Concrete
- Gypsum cover boards
- Base sheets
- Smooth or gravel surfaced Modified Bitumen membranes
- Cementitious wood fiber
- Gypsum
- Wood
- Steel
- Lightweight insulating concrete
- Asphaltic cover board
- Multi-layer applications
- Smooth or gravel surfaced built-up roof (re-roof applications)

SURFACE PREPARATION

All work surfaces should be clean, dry, and free of dirt, dust, debris, oils, loose and/or embedded gravel, unadhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is uneven.

Performance Roof Systems advises that adhesion/peel tests be performed prior to application for adhering to an existing modified bitumen or smooth surface BUR. Contact Technical Services for applicable recommendations.

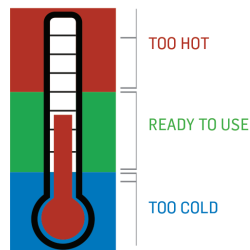
For re-cover applications apply approved primer prior to the application of Insulation Adhesive. For applications over fresh and/or non-oxidized asphalt, coal tar or plastic film membranes, apply Surface Treatment prior to the application of Insulation Adhesive.

LIMITATIONS

Ambient and surface temperatures must be a minimum 40°F and rising. Do not attempt application if ice, snow, moisture are present.

DUOTACK SPF tanks must be conditioned between 70 - 90°F prior to use. Conditioning may take up to 24 hours or more to ensure the adhesive has reached optimal application temperatures.

The temperature strip, pictured right, can be found on the white B-tank. When the temperature sensitive stirp reaches the green area, the adhesive has reached optimal application temperatures. Continue to monitor temperatures throughout application.



SET UP

1. Shake both tanks for 1-2 minutes before use. Attach hose labeled 'A' to the blue A-tank. Hand tighten to the tank and secure with a wrench. DO NOT over tighten. Repeat connecting the other hose on the B-tank.
2. Slightly open valves to check for leaks. Tighten the nut. Once no leaks are detected, fully open the valves. Check the flow of chemical by disengaging the safety and pulling the trigger and dispensing into a waste container prior to attaching a nozzle.
3. Apply a small amount of petroleum jelly to the ring surrounding the face of the gun before attaching the nozzle. Line up the arms of the nozzle with the slots in the gun and push firmly until you hear a click. To remove the nozzle, squeeze the arms and pull the nozzle free.

APPLICATION FOR INSULATION ADHESIVE

1. Holding the dispensing gun no further than 2 feet above the approved deck or insulation substrate, apply insulation adhesive directly to the substrate, using a ribbon pattern. Space beads 12 inches on center, to achieve proper coverage rates for insulation attachment.

Note: If spraying has stopped for 30 seconds or more, remove and replace the used nozzle before continuing application. If cured foam clogs the nozzle, this can result in spraying off-ratio foam which can have a negative impact on product performance.

2. As adhesive is applied, immediately place insulation board onto wet adhesive. Do not allow the adhesive to skin over. Maintain constant pressure/weight on the boards while adhesive cures, usually within minutes, but may vary depending on environmental conditions.