

# DUOTACK® SPF HFO ADHESIVE ROOFING



## SPRAY POLYURETHANE FOAM ADHESIVE

### COMPATIBILITY

#### Roof Decks and Substrates:

- Structural Concrete
- Gypsum
- Cementitious Wood Fiber
- Lightweight Insulating Concrete
- Steel (min. 22 gauge)
- Wood (Plywood or OSB)
- Smooth Surfaced BUR
- Smooth or Gravel Surfaced Modified Bitumen

#### Insulation and Cover boards:

- Polystyrene
- Polyiso
- High-density Wood Fiber
- Gypsum Board
- Coated Stone Wool
- Perlite – min. 3/4 in
- Asphaltic Coverboard
- Cement Board

DUOTACK® SPF HFO is a fast-acting, two-component, low-rise polyurethane foam adhesive designed to adhere PVC fleece-back membranes and most insulation types. Backed by our proven DUOTACK® formula, DUOTACK® SPF HFO features a hydrofluoroolefin (HFO) blowing agent, making it significantly better for the environment, while also enhancing its performance.

### ADVANTAGES

- **Self-contained, equipment-free application**—DUOTACK® SPF HFO's easy-to-use pre-assembled kit eliminates the need for expensive equipment to buy and maintain.
- **HFO compliant**—The new DUOTACK® SPF HFO formulation is compliant with all state and local environmental regulations.
- **Increased rooftop productivity**—DUOTACK® SPF HFO's canister system provides faster set-up and shut down, and 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 typically up to 35 squares per set for insulation attachment, depending on the weather conditions, insulation type and application technique.
- **Eliminates thermal bridging**—Using two-part insulation adhesive means that there is no thermal bridging of fasteners, increasing the performance of the insulation layers.
- **Excellent for sensitive populations**—DUOTACK® SPF HFO's odor-free, ultra-low VOC formula provides safer working conditions. In addition, less equipment means reduced job site noise and less disruption to the building's operation and occupants.

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## SET-UP INSTRUCTIONS

1



Shake each cylinder for one to two minutes. Turn the tanks upside down at least twice to ensure complete agitation of the adhesive. Attach A-side and B-side hoses and tighten with a wrench.

2



Open valves fully and check flow by pulling the trigger and dispensing into a waste container before attaching a nozzle.

3



Apply petroleum jelly to the ring around the gun face. Line up the nozzle and push firmly to attach. Prior to use, condition product between 70°F and 85°F (21°C - 29°C).

4



If COLORWISE® Temperature Warning Nozzles change from clear to blue, the adhesive has reached a temperature below 60°F (16°C), and should not be dispensed.

5a



**Insulation adhesive application:** Holding the dispensing gun no further than 2 ft above the approved deck or insulation substrate, spray adhesive in a ribbon pattern. Ribbons should be 2.5 in wide and spaced at a maximum of 12 in on center. Closer spacing may be necessary if project conditions dictate. Once applied, immediately place the insulation/coverboard into the wet adhesive and do not allow the adhesive to skin over.

5b



**Fleece-backed PVC adhesive application:** Holding the dispensing gun 3-4 ft above the approved substrate, spray adhesive in an even coverage pattern. Place PVC membrane and apply pressure using a weighted roller or push broom to ensure complete adhesion and prevent wrinkles or air bubbles.

**EXTREMELY IMPORTANT: WHEN SPRAYING HAS STOPPED FOR MORE THAN 30 SECONDS, THE NOZZLE SHOULD BE REMOVED AND REPLACED.**



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