

TECHNICAL INFORMATION SHEET

Jet Bond Spray Adhesive

Item Description

Jet Bond Spray Adhesive Canister

Application Accessories (sold separately)

LVOC Canister Flush Solution (refer to TIS 839)
 Spray Gun (for vertical application)
 Spray Gun with Extension (for horizontal application)
 60° Spray Tip - 5 pack
 Canister Hose - 6 foot
 Canister Hose - 12 foot
 Canister Hose - 18 foot

Item Number

W56RACIASA

 W56RAC1696
 W56RACINTH
 W56RACINTI
 W56RACINTJ
 W56RACIAPRL
 W56RACIAPRM
 W56RACIAPRN



Code approvals pending

Product Information

Description:

Jet Bond Spray Adhesive is an LVOC bonding adhesive packaged in portable, pressurized canisters and formulated for two-sided spray application directly from the canister. Jet Bond provides excellent adhesion of Firestone RubberGard™ EPDM, EcoWhite™ EPDM, UltraPly™ TPO, and TPO XR roofing membranes and flashings to approved substrates in both horizontal and vertical applications.

General Application Information:

1. Dispense Firestone Jet Bond Spray Adhesive in a well-ventilated area using appropriate personal protective equipment (PPE).
2. Surfaces to receive Jet Bond Adhesive must be clean, smooth, dry, free of sharp edges, loose and foreign materials, oil, grease, and other contaminants. Avoid contact with asphalt surfaces.
3. The Jet Bond canister must be at least 70 °F (21 °C) at the time of application. Adhesive may be applied at ambient temperatures as low as 25 °F (-4 °C) and rising, but canister temperature must be a minimum of 70 °F (21 °C).
4. Do not apply Jet Bond in windy conditions exceeding 15 mph (or when flag is standing straight out.). A wind break may be necessary to maintain fan spray pattern in winds less than 15 mph.
5. Apply adhesive at about the same time to both the membrane and the substrate to allow approximately the same flash-off time.
6. Make sure the trigger lock on adhesive spray gun (if equipped) is engaged when not in use to prevent accidental discharge.
7. Refer to the Jet Bond Application Guide for specific application instructions.

Jet Bond Spray Applicator Assembly:

1. Connect the hose to the gun and tighten fitting securely with wrench. Connect the other end of the hose to the Jet Bond Adhesive cylinder outlet and tighten fitting securely with wrench. Use caution not to cross-thread the connections.
2. Open the cylinder valve fully, checking all connections for leaks. Tighten if necessary.
3. Once the valve has been opened, do not close the valve until the cylinder is completely empty or hose and spray gun are to be removed and proper cleaning is performed. Refer to the Jet Bond Application Guide for additional information.
4. The spray tip may require periodic cleaning.
5. Agitate Jet Bond canister for 30 seconds prior to use. Periodically shake the canister during application to maintain canister pressure and produce optimal fan spray pattern.

Storage:

- Store canister tightly closed, without gun/hose assembly attached, in a cool, dry, well-ventilated area, between 60 °F and 80 °F (16 °C – 47 °C).
- Bring canister to 70 °F (21 °C) before application. Do not allow canister temperature to exceed 110 °F (43 °C).
- For best results, use partially dispensed adhesive canisters within 60 days.

Coverage Rate:

- 800 – 1000 f²/canister (19.6 – 24.5 m²/canister) for smooth backed membranes
- 650 – 750 f²/canister (16 – 18.4 m²/canister) for TPO XR fleece backed membrane

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Shelf Life:

Shelf life of one (1) year can be expected when stored in original container at temperatures between 60 °F (16 °C) and 80 °F (27 °C).

Packaging Data

Jet Bond Canister	Packaged Weight: 45 - 48 lb (20.4 - 21.7 kg) per canister. NOTE: Application accessories (cleaning solution, spray guns, hoses, tips) sold separately
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Precautions:

- Review applicable Safety Data Sheets (SDS) prior to use.
- Avoid contact with eyes. Wear safety glasses with side shields.
- Avoid breathing vapors. Spray in well ventilated areas.
- Avoid contact with skin. Wear gloves when dispensing. Wash hands thoroughly after handling.
- Close canister valves when not in use.
- Do not sit or stand on cartons or canisters.
- Do not expose product to open flame or temperatures above 110 °F (43 °C).
- Canisters and contents must be brought to temperature between 70 °F – 90 °F (21 – 32 °C) for use.
- Keep canisters in upright position while dispensing adhesive.
- Do not dispense adhesive in areas of spark, open flame or other ignition sources. Do not smoke in areas where Jet Bond Spray Adhesive is being applied.

Disposal:

- During product disposal, wear appropriate PPE and maintain proper ventilation.
- Empty canisters completely of any remaining material.
- Add oil absorbent to waste components. Dispose of waste in an approved landfill.
- Turn empty canister upside down and open valve completely to relieve the canister of pressure.
- Once pressure is completely discharged, locate and punch the plug on the shoulder of the canister using a non-ferrous punch.
- Empty canisters can be sent to a metal recycler or an approved landfill.
- Do not burn empty canisters. Dispose in accordance with local, state and federal regulations.

LEED® Information:

Post-Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

Manufacturing Location: South Bend, IN

*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

Typical Properties

Property	Test Method	Typical Performance
Base	---	Synthetic Polymers
Color	---	Clear to hazy amber yellow
Viscosity	ASTM D2196	50-200 cPs @ 68 °F (20 °C)
Density	ASTM D1875	7.05-7.22 lb/gal (0.845-0.865 kg/l)
V.O.C. Content		<250 grams/liter

Please contact Firestone Technical Services at 1-800-428-4511 for further information.

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