

Technical Information Sheet



Jet Bond Spray Adhesive

Item Description	Item Number
Jet Bond Spray Adhesive Canister	W56RACSADC
Application Accessories (sold separately)	
LVOC Canister Flush Solution (refer to TIS 839)	W56RAC16DC
Spray Gun (for vertical application)	W56RACINTH
Spray Gun with Extension (for horizontal application)	W56RACINTI
60° Spray Tip - 5 pack	W56RACINTJ
Canister Hose - 6 foot	W56RACIAPRL
Canister Hose - 12 foot	W56RACIAPRM
Canister Hose - 18 foot	W56RACIAPRN

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 Elevate RubberGard™ EPDM, EcoWhite™ EPDM, UltraPly™ TPO, and TPO XR roofing membranes and flashings to approved substrates in both horizontal and vertical applications. Jet Bond Spray Adhesive is also an approved vertical surface substrate primer for the application of Elevate UltraPly TPO SA and RubberGard EPDM SA membranes in a flashing application. See specific application information below for use as a self-adhered membrane primer.

General Application Information

1. Dispense Elevate Jet Bond Spray Adhesive in a well-ventilated area using appropriate personal protective equipment (PPE). The use of 3rd party dispensing systems is not approved.
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.

Application Information – TPO SA and EPDM SA Membrane Primer – Vertical Substrates

1. Apply Jet Bond Adhesive in a one-side (substrate only) primer application using a coverage rate of 2,000 square feet (20 square) per canister.
2. Pattern application shall be two back and forth overlapping passes to ensure full coverage.
3. Allow adhesive to flash off before mating the self-adhered membrane.

Jet Bond Spray Applicator Assembly

1. **Caution:** Before first use of spray gun, remove the retaining cap and spray tip and ensure the valve seat is installed large end toward the spray tip. Reinstall the spray tip and retaining cap, then squeeze and release trigger five times to properly seat the valve stem within the valve seat. This allows proper on/off control of the spray gun.
2. 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.
3. Open the cylinder valve fully, checking all connections for leaks. Tighten if necessary.
4. 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.
5. The spray tip may require periodic cleaning.
6. 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.

Coverage Rate

- Approximately 1000 ft²/canister (92.9 m²/canister) for smooth-backed membranes (includes double-sided application for 10 completed squares)
- Approximately 750 ft²/canister (69.7 m²/canister) for TPO XR fleece backed membrane (includes double-sided application for 7.5 completed squares)

Approved Substrates

ISO 95+™ GL / ISOGARD™ GL, RESISTA™ / ISOGARD CG, ISOGARD HD & HD Composite, HailGard / ISOGARD HG, DensDeck Prime, SECUROCK® Gypsum-Fiber Roof Board, Structodek® HD, APA-Rated Oriented Strand Board

Packaging

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.

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.

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).

Precautions

- Refer to Safety Data Sheets (SDS) for additional safety information.
- 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.
- Product not intended for use with Elevate PVC Membranes.

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 or Houston, TX

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

Typical Properties		
Properties	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 Holcim Technical Services at 800-428-4511 for further information.

This sheet is meant to highlight Elevate products and specifications and is subject to change without notice. Holcim takes responsibility for furnishing quality materials that meet published Elevate product specifications or other technical documents, subject to normal manufacturing tolerances. Neither Holcim nor its representatives practice architecture. Holcim offers no opinion on and expressly refuses any responsibility for the soundness of any structure. Holcim accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Holcim representative is authorized to vary this disclaimer.