

TECHNICAL BULLETIN: 20-04

PVC Spray Contact Adhesive for Vertical Applications

For more than 40 years, IB Roof Systems has been one of the leading producers and pioneers in the PVC Single Ply Industry. During the last four decades innovative technologies and applications have presented new opportunities that require IB to examine and determine if the proposed technology or application meets the high standards that our customers have grown accustomed to. We believe we are ready to announce a new adhesive product that achieves this goal.

IB Roof Systems has determined that ICP® Polyset® PVC Spray Contact Adhesive is compatible for use with the following IB PVC Membranes for vertical wall and curb flashing applications:

- IB PVC Single Ply (50,60, 80 mil)
- IB PVC Single Ply FB (50, 60, 80 mil)
- IB PVC Single Ply ChemGuard (50, 80 mil)

ICP Polyset® PVC Spray Contact Adhesive is formulated as a single component spray adhesive that is self-contained for use with a compatible spray hose & gun in a portable pressurized 22L cannister.

Properties	Features & Benefits
Open Time: 10-20 minutes**	High adhesive output reduces labor time
Set-Up Time (Tack Free): 3-5 minutes**	Coverage Rate: 1,000 sq. ft. net applied coverage (both surfaces)
Full Cure Time: 1-3 days**	VOC content = 0 g/L
Spray Pattern: Web	Re-usable spray gun and hose
Temperature Guidelines	
Ambient Application & Substrate Temperature:	25°F (-3°C) & rising
Material Storage Temperature Guidelines:	60-120°F (15-50°C)
Optimal Material Temperature:	60-100°F (15-38°C)

**Times may be affected by temperature, weather conditions, and humidity level.

Only the following substrates are acceptable for use to receive the ICP® Polyset® PVC Spray Adhesive:

- Minimum 1/2" Plywood
- Minimum 7/16" OSB
- Wood blocking curb
- Concrete
- Brick/Masonry/CMU
- Securock Gypsum-Fiber Roof Board
- DensDeck Prime

Follow manufacturer's guidelines and application instructions for use. The following are basic instructions when using the ICP® Polyset® PVC Spray Adhesive:

Preparation for use	The substrate must be clean, dry, firm, free of loose particles, and free of dust, grease, and mold release agents. Protect surfaces not to be adhered. Read SDS, Operating Instructions, and Product Stewardship Guidelines. For additional information go to www.polysetadhesives.com
PPE	Wear protective glasses with side shields or goggles, nitrile gloves, and clothing that protects against dermal exposure. Recommend dispensing product in a well-ventilated area with certified respiratory protection; however, well-ventilated exterior applications may not need respiratory protection. It is the responsibility of the employer to complete a PPE evaluation and/or exposure assessment to determine if respiratory protection is required. Read all instructions, ICP Product Stewardship Guidelines, and SDS (Section 8) prior to use of any product.
Application	Optum application is achieved by spraying each surface (wall and membrane) with an adhesive pattern at 90 angles (opposite direction) to each other. (Example: Spray one substrate vertically and spray the other substrate horizontally). Apply a consistent and thorough coat of adhesive. Extra coverage is recommended at substrate edge. Follow IB Flashing Details and procedures for all wall and curb flashings substituting ICP Polyset Spray Contact Adhesive in lieu of IB Vertibond Contact Adhesive or IB Vertibond 432 Bonding Adhesive in applicable conditions.



Limitations	Do not use when ambient substrate temperatures are below 25°F (-3°C). Do not use during inclement weather, on wet surfaces or on any roof deck showing signs of deterioration or loss of structural integrity. Do not use after the expiration date. Please note, the ICP Polyset® PVC Spray Adhesive should not be used and is not compatible for use with Expanded (EPS) and Extruded (XPS) Polystyrene board substrates.
--------------------	---

When placing an order, please consult your IB Inside Sales Representative or IB Territory Sales Manager.

Order Information

Part #	Description
7-PVCSPRAY	Polyset PVC Spray Contact Adhesive 22L Kit
7-SEELH	12' Stainless Steel Braided Hose (PVC)
7-GUNV	Adjustable Spray Gun (with Spray Tip)
7-GUNF	Adjustable Spray Gun – 18" Wand (with Spray Tip)
7-BTIP	Brass Spray Tip (1)
7-POLYSOLV	Polysolv 12 oz. Multipurpose Cleaner (12 Pack)