

Bulletin: #15-01  
 Date: 01/05/2015 Revised: 11/25/2025

## PVC AND TPO ADHESIVES: SHIPPING CONSIDERATIONS

Duro-Last® offers multiple choices of adhesives for insulation and membrane attachment. Care must be taken when ordering these products to ensure that the product is a good match for the environmental and weather conditions at the time of shipping. This Technical Bulletin is intended to provide an overview of the seasonal shipping guidelines for each adhesive product.

Refer to each individual Product Data Sheet or the [Adhesives Application Chart Quick Reference Guide](#) for additional application requirements.

- **WARNING! ADHESIVES ARE HIGHLY FLAMMABLE.**
- **Do not** expose adhesives to any ignition source.
- **Do not** smoke while applying or handling any adhesive product.
- **Only** heat adhesives by heating the ambient air around the adhesive units. Ensure sufficient time for heating of adhesives.
- Keep and maintain pre-pressurized adhesive containers at proper storage temperatures.
  - Warming blankets will only maintain the core adhesive temperature at the time it is wrapped.

### A. INSTA STIK™ QUIK SET ADHESIVE (pre-pressurized container) (for insulations and roof boards)

- **KEEP FROM FREEZING.**
  - If the product freezes, it may still be used after being warmed up to between 50° – 75° F (10° – 23° C).
- **Shipping:** Product must be shipped in temperatures at or greater than 33° F (1° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** This product is drop-shipped directly from, and at the discretion of, the manufacturer. Contact Duro-Last for availability.

### B. SB IV ADHESIVE (solvent-based) (pail) (for PVC non-fleece membranes)

- **KEEP FROM FREEZING. IF THE PRODUCT FREEZES, DO NOT USE.**
- **Shipping:** Product must be shipped in temperatures at or greater than 40° F (5° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** To accommodate varying climates, Duro-Last will ship from the following facilities on the given (checked) months. All temperature criteria stated above must still be followed.

WB II ADHESIVE SHIPPING AVAILABILITY												
MANUFACTURING FACILITY	MONTH											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Saginaw, MI	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Grants Pass, OR	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Jackson, MS	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+
Sigourney, IA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Carrollton, TX	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+
Ludlow, MA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Kernersville, NC	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Largo, FL	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+

\* Shipping of product from each manufacturing facility is for that facility's region only. Shipping to other regions not recommended if the product may be damaged.

## ADHESIVES: SHIPPING CONSIDERATIONS

### C. DURO-LAST SOLVENT-GRIP® SPRAY ADHESIVE (pre-pressurized container) (for PVC non-fleece membranes except Duro-Last EV)

- **KEEP FROM FREEZING.**
  - If the product freezes, it may still be used after being warmed up to a minimum temperature of 70° F (21° C).
- **Shipping:** Product must be shipped in temperatures at or greater than -30° F (-34° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** Duro-Last will ship from all facilities during all months of the year. All temperature criteria stated above must still be followed.

### D. DURO-LAST SOLVENT-GRIP® PLUS SPRAY ADHESIVE (pre-pressurized container) (for PVC non-fleece membranes)

- **KEEP FROM FREEZING.**
  - If the product freezes, it may still be used after being warmed up to a minimum temperature of 70° F (21° C).
- **Shipping:** Product must be shipped in temperatures at or greater than -30° F (-34° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** Duro-Last will ship from all facilities during all months of the year. All temperature criteria stated above must still be followed.

### E. MILLENNIUM ONE STEP ADHESIVE (cartridge) (for insulations and roof boards)

- **KEEP FROM FREEZING. IF THE PRODUCT FREEZES, DO NOT USE.**
- **Shipping:** Product must be shipped in temperatures at or greater than 33° F (1° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** This product is drop-shipped directly from, and at the discretion of, the manufacturer. Contact Duro-Last for availability.

### F. MILLENNIUM PG-1 PUMP GRADE ADHESIVE (bag-in-box and cartridge) (for insulations, roof boards, and fleece membranes)

- **KEEP FROM FREEZING. IF THE PRODUCT FREEZES, DO NOT USE.**
- **Shipping:** Product must be shipped in temperatures at or greater than 40° F (4° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** This product is drop-shipped directly from, and at the discretion of, the manufacturer. Contact Duro-Last for availability.

### G. DURO-FLEECE® OMG MEMBRANE ADHESIVE (bag-in-box and cartridge) (for fleece membranes)

- **KEEP FROM FREEZING. IF THE PRODUCT FREEZES, DO NOT USE.**
- **Shipping:** Product must be shipped in temperatures at or greater than 40° F (5° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** This product is drop-shipped directly from, and at the discretion of, the manufacturer. Contact Duro-Last for availability.  
From November 1<sup>st</sup> through early spring, the manufacturer will place freeze indicators under the shrink wrapping on every skid of **Duro-Fleece OMG Membrane Adhesive** shipped.  
**If the freeze indicator indicates that the product has been subjected to freezing conditions, do not accept the shipment.**

### H. TRUFAST® ROOFING ADHESIVE (pre-pressurized container) (for insulations, roof boards, and fleece membranes)

- **KEEP FROM FREEZING. IF THE PRODUCT FREEZES, DO NOT USE.**
- **Shipping:** Product must be shipped in temperatures at or greater than 40° F (4° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** This product is drop-shipped directly from, and at the discretion of, the manufacturer. Contact Duro-Last for availability.

## ADHESIVES: SHIPPING CONSIDERATIONS

### I. POLYSET CRA (CR-20) (HFO) ADHESIVE (pre-pressurized container) (for insulations, roof boards, and fleece membranes)

- **KEEP FROM FREEZING. IF THE PRODUCT FREEZES, DO NOT USE.**

- **Shipping:** Product must be shipped in temperatures at or greater than 40° F (4° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** To accommodate varying climates, Duro-Last will ship from the following facilities on the given (checked) months. All temperature criteria stated above must still be followed.

WB II ADHESIVE SHIPPING AVAILABILITY												
MANUFACTURING FACILITY	MONTH											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Saginaw, MI	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Grants Pass, OR	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Jackson, MS	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+
Sigourney, IA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Carrollton, TX	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+
Ludlow, MA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Kernersville, NC	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Largo, FL	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+

\* Shipping of product from each manufacturing facility is for that facility's region only. Shipping to other regions not recommended if the product may be damaged.

### J. OLYBOND500® ADHESIVE (bag-in-box) (regular and winter grade) (for insulations and roof boards)

- **KEEP FROM FREEZING. IF THE PRODUCT FREEZES, DO NOT USE.**

- **Shipping:** Product must be shipped in temperatures at or greater than 40° F (4° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** This product is drop-shipped directly from, and at the discretion of, the manufacturer. Contact Duro-Last for availability. Regular Grade will be shipped unless Winter Grade is specifically requested.  
From November 1<sup>st</sup> through early spring, the manufacturer will place freeze indicators under the shrink wrapping on every skid of OlyBond500 shipped.  
**If the freeze indicator indicates that the product has been subjected to freezing conditions, do not accept the shipment.**

### K. OLYBOND500® SPOTSHOT ADHESIVE (cartridge) (regular and winter grade) (for insulations and roof boards)

- **KEEP FROM FREEZING. IF THE PRODUCT FREEZES, DO NOT USE.**

- **Shipping:** Product must be shipped in temperatures at or greater than 40° F (4° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** This product is drop-shipped directly from, and at the discretion of, the manufacturer. Contact Duro-Last for availability. Regular Grade will be shipped unless Winter Grade is specifically requested.  
From November 1<sup>st</sup> through early spring, the manufacturer will place freeze indicators under the shrink wrapping on every skid of OlyBond500 shipped.  
**If the freeze indicator indicates that the product has been subjected to freezing conditions, do not accept the shipment.**

## ADHESIVES: SHIPPING CONSIDERATIONS

**L. WB II ADHESIVE** (water-based) (pail)  
(for PVC non-fleece and fleece membranes)

• **KEEP FROM FREEZING. IF THE PRODUCT FREEZES, DO NOT USE.**

- **Shipping:** Product must be shipped in temperatures at or greater than 50° F (10° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** To accommodate varying climates, Duro-Last will ship from the following facilities on the given (checked) months. All temperature criteria stated above must still be followed.

WB II ADHESIVE SHIPPING AVAILABILITY												
MANUFACTURING FACILITY	MONTH											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Saginaw, MI	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Grants Pass, OR	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Jackson, MS	✓**	✓**	✓**	✓**	✓	✓	✓	✓	✓	✓	✓**	✓**
Sigourney, IA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Carrollton, TX	✓**	✓**	✓**	✓**	✓	✓	✓	✓	✓	✓	✓**	✓**
Ludlow, MA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Kernersville, NC	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Largo, FL	✓**	✓**	✓**	✓**	✓	✓	✓	✓	✓	✓	✓**	✓**

\* ColdMark® Cold Temperature Indicator (CTI) attached to at least one pail per shipment.

\* Shipping of product from each manufacturing facility is for that facility's region only. Shipping to other regions not recommended if the product may be damaged.

### COLDMARK® COLD-TEMPERATURE INDICATOR (CTI) FOR WB II ADHESIVE

At least one ColdMark CTI will accompany each WB II Adhesive shipment originating from Jackson, MS or Carrollton, TX during November through April. Use the pails with these CTI last to ensure that no products have been subjected to freezing temperatures.

The clear CTI bulb will become colored if exposed to freezing temperatures. If the CTI bulb has become colored, do not use the product. Immediately contact the facility that shipped the product to order new replacement product. If freezing temperatures continue, contact Duro-Last Engineering Services for alternatives.



**Example of Clear Bulb**



**Example of Colored Bulb**

## ADHESIVES: SHIPPING CONSIDERATIONS

### M. TECH-Bond™ TPO Bonding Adhesive (pail) (for TPO non-fleece and fleece membranes)

- **KEEP FROM FREEZING.**
  - If the product freezes, it may still be used after being warmed up to a minimum temperature of 70° F (21° C).
- **Shipping:** Product must be shipped in temperatures at or greater than 40° F (4° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** To accommodate varying climates, Duro-Last will ship from the following facilities on the given (checked) months. All temperature criteria stated above must still be followed.

WB II ADHESIVE SHIPPING AVAILABILITY												
MANUFACTURING FACILITY	MONTH											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Saginaw, MI	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Grants Pass, OR	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Jackson, MS	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+
Sigourney, IA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Carrollton, TX	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+
Ludlow, MA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Kernersville, NC	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Largo, FL	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+

\* Shipping of product from each manufacturing facility is for that facility's region only. Shipping to other regions not recommended if the product may be damaged.

### N. TECH-Bond TPO LVOC Bonding Adhesive (pail) (for TPO non-fleece and fleece membranes)

- **KEEP FROM FREEZING.**
  - If the product freezes, it may still be used after being warmed up to a minimum temperature of 70° F (21° C).
- **Shipping:** Product must be shipped in temperatures at or greater than 50° F (10° C). Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** To accommodate varying climates, Duro-Last will ship from the following facilities on the given (checked) months. All temperature criteria stated above must still be followed.

WB II ADHESIVE SHIPPING AVAILABILITY												
MANUFACTURING FACILITY	MONTH											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Saginaw, MI	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Grants Pass, OR	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Jackson, MS	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+
Sigourney, IA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Carrollton, TX	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+
Ludlow, MA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Kernersville, NC	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Largo, FL	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+

\* Shipping of product from each manufacturing facility is for that facility's region only. Shipping to other regions not recommended if the product may be damaged.

### O. TECH-Bond TPO Spray Adhesive (pre-pressurized container) (for TPO non-fleece and fleece membranes)

- **KEEP FROM FREEZING.**
  - If the product freezes, it may still be used after being warmed up to a minimum temperature of 70° F (21° C).
- **Shipping:** Product must be shipped in temperatures at or greater than 40° F (4° C). Do not allow container to exceed 110° F (43° C) Temperature-controlled vehicles may be available.
- **Manufacturing Facility Exceptions:** To accommodate varying climates, Duro-Last will ship from the following facilities on the given (checked) months. All temperature criteria stated above must still be followed.

WB II ADHESIVE SHIPPING AVAILABILITY												
MANUFACTURING FACILITY	MONTH											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Saginaw, MI	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Grants Pass, OR	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Jackson, MS	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+
Sigourney, IA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Carrollton, TX	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+
Ludlow, MA	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Kernersville, NC	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Largo, FL	✓+	✓+	✓+	✓+	✓	✓	✓	✓	✓	✓	✓+	✓+

\* Shipping of product from each manufacturing facility is for that facility's region only. Shipping to other regions not recommended if the product may be damaged.