

# Parafast Insulation Adhesive (Bag-in-Box and Drums)



## Commercial Product Data Sheet

### Product Description

Siplast Parafast Insulation Adhesive is a quick curing, two-component, bead-applied polyurethane adhesive used to adhere approved rigid insulation board stock. Parafast Insulation Adhesive is packaged in 5-gallon bladders encased in boxes (Bag-in-Box) and is also available in 15-gallon drums. The adhesive is applied exclusively using a specially designed PaceCart Dispenser. For smaller scale applications, consider using Siplast Parafast C Insulation Adhesive, which is packaged in cartridges. A winter-grade version of Parafast Insulation Adhesive is available for low temperature applications.

### Product Uses

Siplast Parafast Insulation Adhesive is used to adhere approved rigid insulation panels to rigid insulation panels and to substrates approved in advance by Siplast for roof constructions requiring a single-source guarantee. Approved insulation panels include Paratherm, DensDeck®, DensDeck Prime®, SECUROCK®, and high-density fiberboard. Approved substrates include previously-applied insulations as listed above, cured poured-in-place concrete, pre-cast concrete, approved ply sheets and approved nailed base sheets. Once applied, the A/B mix cures chemically in approximately 10 - 12 minutes, depending on ambient and substrate conditions. Polyisocyanurate insulation panels applied in insulation adhesive must have a maximum panel size of 4 ft x 4 ft (1.22 m x 1.22 m). Contact Siplast for specific approvals on other substrates and insulation products. See the Siplast Para-Stik and Parafast Insulation Adhesive Usage and Estimating Guide for further information.

### Product Approvals

Parafast Insulation Adhesive may be used as a component in roof constructions requiring a rating for exterior fire resistance as outlined in the latest edition of the *UL Roofing Materials & Systems Directory*. Parafast Insulation Adhesive is FM Global Approved as a component for use in Class 1 rated constructions when used according to FMG requirements. Contact Siplast for further information on uplift approvals, specific listings, and other agency approvals.

### Safety

Protective clothing, including gloves and protective eyewear, should be used when Parafast Insulation Adhesive is being dispensed. See SDS for detailed information.

Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at [www.Siplast.com](http://www.Siplast.com).

## COMMERCIAL PRODUCT INFORMATION

### BAG-IN BOX

Unit: Part A (diisocyanate) - 52 lb (23.6 kg) gross weight (including packaging)  
Part B (resin) - 43 lb (19.5 kg) gross weight (including packaging)

Packaging: 5-gallon bladders are packaged in a corrugated box with a single unit (A or B) per box.

Number of units per pallet (A or B): 32 units per pallet

### 15-GALLON DRUMS

Unit: Part A (diisocyanate) - 162 lb (73.5 kg) gross weight (including packaging)  
Part B (resin) - 136 lb (61.7 kg) gross weight (including packaging)

Packaging: 15-gallon plastic drum

Number of units per pallet (A or B): 18 drums per pallet

### Temperature Limitations

#### Parafast Bag-in-Box and 15-gal Drum (regular grade)

Product temperature at point of application (min): 72°F (22°C)  
Ambient and substrate temperature (min.): 40°F (5°C) & rising

#### Parafast Bag-in-Box and 15-gal Drum (winter grade)

Product temperature at point of application (min): 72°F (22°C)  
Ambient and substrate temperature (min.): 25°F to 65°F  
(-4°C to 18°C)

#### Parafast C (regular grade)

Product temperature at point of application (min): 72°F (22°C)  
Ambient and substrate temperature (min.): 40°F (5°C) & rising

#### Parafast C (winter grade)

Product temperature at point of application (min): 72°F (22°C)  
Ambient and substrate temperature (min.): 0°F to 65°F  
(-18°C to 18°C)

**Storage and Handling:** Parafast Insulation Adhesive has a shelf life of 18 months from the date of manufacture. Parafast Insulation Adhesive should be stored in a cool dry location at temperatures between 55°F (13°C) and 85°F (30°C). Do not allow Parafast Insulation Adhesive to freeze under any circumstances. Store materials out of direct exposure to the elements. All material stored on the roof overnight should be stored on pallets. When storing materials on the roof, do not overload the deck or structural assembly.

**Disposal:** Do not discharge uncured product into lakes, streams, ponds or other bodies of water. Spilled, uncured product, unused containers and empty containers should be neutralized and disposed of in accordance with local, state and federal regulations.

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