

## Product Description:

Polyset® Board-Max is a low pressure, two-component, spray polyurethane foam adhesive designed to adhere IB approved insulation, cover board and thermal barrier boards to a variety of roof substrates in both new and reroof applications.

## Packaging:

Kit includes Part A & Part B Cylinders, 25 ft hose, Handi-Gun, and ColorWise Temperature Warning mixing nozzles.

## Features:

- Non-penetrating attachment system
- Odor free
- Low VOC
- Reduces construction noise
- Rapid application

## Approximate Coverage\* and Weight

| Product   | Weight |        | Insulation Ribbon Coverage*  |
|-----------|--------|--------|------------------------------|
|           | A      | B      |                              |
| Board-Max |        |        | 2.5" – 3.5" bead, @ 12" o.c. |
|           | 44 lbs | 44 lbs | 2800-3,000 sq. ft.           |

\*Coverage rates may vary based on ambient temperature, substrate condition and application methods used

## Substrates<sup>1</sup>:

- Minimum 1/2" Plywood
- Minimum 7/16" OSB
- Structural Concrete
- Gypsum
- Cellular Lightweight Insulating Concrete
- Cementitious Wood Fiber (Tectum)
- Approved Insulations
- Approved Cover Boards
- Smooth surface and Granular Asphalt BUR (aged)
- Smooth and Granular surfaced SBS Modified Bitumen
- Granular APP Modified Bitumen

<sup>1</sup>Substrates and all surfaces must be clean, dry, and free of dirt, dust, debris, oils, loose and/or embedded gravel. IB Roof Systems recommends insulation adhesion pull tests in accordance with ANSI/SPRI IA-1 prior to beginning work to confirm acceptable uplift resistance.

## Application:

Refer to IB Specifications and Construction Details for additional installation instructions. Polyset® Board-Max adhesive can be used to install IB roof insulation and cover boards over approved dry, clean substrates. Installation over existing smooth or gravel surfaced asphalt roofs (gravel removed) requires additional preparation. Read all instructions, ICP Product Stewardship Guidelines, and SDS prior to use of any product. For additional information go to [www.polysetadhesives.com](http://www.polysetadhesives.com).



## Approvals:

Underwriters Laboratories, FM Approvals, Miami-Dade County and Florida Building Code Product Approvals. Refer to individual assembly approvals for additional information and requirements.

| Properties                 |  |
|----------------------------|--|
| Rise Time                  | 2-16 seconds <sup>1</sup>                |
| Mixing Nozzle Working Time | <1 minute <sup>1</sup>                   |
| Gel Time                   | 15-140 seconds <sup>1</sup>              |
| Set-up Time                | 1 – 5 minutes <sup>1</sup>               |
| Cure Time                  | 24 hours                                 |
| VOC Compliant              | Contains 0% VOC Minus Exempted Materials |

<sup>1</sup>Times may be affected by temperature and weather conditions

## Temperature Guidelines/Storage & Handling:

Store in a dry area. Protect from freezing. Optimum chemical storage temperature is 60-90°F (15-32°C). Internal Chemical Temperature at Application: Warm or cool product temperature to 70-85°F/20-30°C prior to use. Outside Application Temperature / Ambient is 30°F (-1°C) and rising. Substrate Surface Temperature Range: 30-100°F (-1-38°C). Temperatures above or below Optimal Application range require additional monitoring and may affect tack/cure times, adhesion performance and application rates.

## Limitations:

- Do not use when ambient, substrate or product temperatures are outside specified temperature ranges.
- 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.
- Approved existing roof surfaces must be clean, dry, smooth and adequately attached to resist wind loads.
- Not recommended for use with insulation boards larger than 4'x4'.
- Do not use warped or curled insulation boards. All insulation boards must lay flat upon the roof surface.