

Polyset® Board-Max

Product Description:

Polyset® Board-Max is a low pressure, two-component, 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 re-roof applications.

Packaging:

Part A & B Cylinder, includes hose kit with mixing nozzles.

Features:

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

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.

Coverage:

Approximate Coverage: 2,800-3,000 sq. ft. per set (2.5" - 3.5" wide bead @ 12" o.c. rows)

Substrates¹:

- Structural concrete
- Gypsum
- Lightweight Insulating Concrete
- Cementitious wood fiber
- Plywood
- Smooth surfaced BUR (weathered)
- Smooth and Granular surface SBS Modified Bitumen
- Granular APP Modified Bitumen

¹Substrates 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.



Storage & Handling:

- Store between 60°F and 90°F. Protect from freezing
- Product temperature prior to application: 70° - 85°F

Approvals:

Underwriters Laboratories, FM Approvals. Refer to individual assembly approvals for additional information and requirements.

Limitations:

- 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
- Ambient and surface temperature: 30°F and rising
- Use at temperatures above 90°F requires additional monitoring to ensure the adhesive has not skinned over or dried prior to installing insulation

Weight	
Part A Cylinder	44 lbs.
Part B Cylinder	44 lbs.

Properties	
Rise Time	2-16 seconds (Depends on ambient temperature)
Mixing Nozzle Working Time	30-60 seconds
Gel Time	15-140 seconds
Set-up Time (Tack Free)	1-5 minutes
Cure Time	24 hours
VOC Compliant	Contains 0% VOC Minus Exempted Materials