

# Everplus MIP

## Spray Foam Roofing System

### *What is spray polyurethane foam?*

Spray polyurethane foam (commonly referred to as SPF) is a spray-applied rigid, insulating cellular plastic that is applied as a liquid, immediately expanding to 30 times its original volume. The resulting high density roofing foam is resistant to foot traffic and water.



Spray polyurethane foam is the fastest growing insulating product in the world. As a roofing material it provides many benefits over traditional roofing materials. Exceptional durability, unmatched R-value, air barrier properties and a multitude of additional benefits make it a truly versatile roofing system.

The **Everplus** MIP (Manufactured In Place) Spray Foam Roofing System utilizes Bayseal Spray Foam manufactured by Bayer Material Science, the inventor and leader in the polyurethane industry.

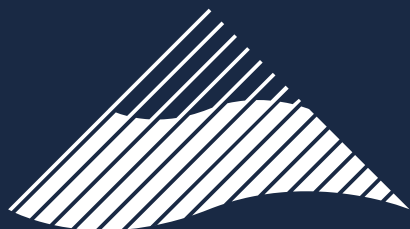
The **Everplus** MIP Spray Foam Roofing System is suitable for both new roofing and reroof applications. Everest offers a variety of warranties to ensure your continued satisfaction with your roof. Call your Everest Systems sales rep today (or contact us at the phone number or email below) and find out more about the advantages of a EverPlus MIP roofing system.

### **Polyurethane Foam in Your Life**

*You are already familiar with it!*

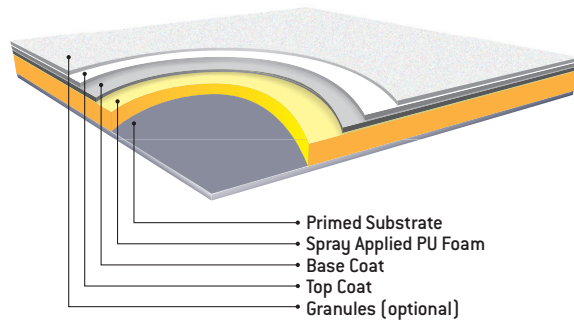
- Hot Water Heaters
- Refrigerators
- Ice Chests
- Home Insulation
- Hot Tub Insulation
- Refrigerated Transport

*If you are looking for a high performance roofing system that is reliable, long lasting, and sustainable as well as energy efficient at a surprisingly competitive cost look no further than the **Everplus** roofing system.*



**EVEREST SYSTEMS**

## Typical Polyurethane Roof System



## Performance

<b>Watertight</b>	Because our systems are manufactured in place, major weaknesses, including seams and mechanical fasteners, are eliminated.
<b>Durable</b>	Resistant to damage from pedestrian traffic and storm damage.
<b>UV Resistant</b>	Unlike traditional roofing systems, an Everest MIP system has a surface designed for even the harshest UV conditions.
<b>Seamless</b>	Because our systems are manufactured in place, seams, the major weakness of most membrane systems, are eliminated.
<b>Light Weight</b>	Very low impact on your overall roof weight load.
<b>Fully Adhered</b>	Contributes to excellent wind uplift performance.
<b>Breathable</b>	Trapped moisture in your existing roof system will pass through the membrane.
<b>Highly Heat Reflective</b>	Dramatically improves occupants' comfort by typically cutting a summer roof surface temperature by 50-90 °!!
<b>Reduces Movement</b>	Insulation and reflective properties significantly reduce building stresses due to thermal expansion and contraction.
<b>Corrosion</b>	Everest has systems designed to drastically reduce corrosion.
<b>Resists Dirt</b>	Excellent long term resistance to dirt accumulation.
<b>Ratings</b>	Passes UL Class A and Class B fire requirements.
<b>Disruption Free</b>	Installation is completed without bothering building occupants.
<b>Extends Building Life</b>	Cool roof surface will reduce expansion and contraction stresses on your building.
<b>Great Appearance</b>	Aesthetically pleasing final appearance.

## Value

<b>Very High R-value</b>	R value of over 6.0 per inch. Effective insulation at high and low temperatures.
<b>Energy Savings</b>	SPF insulates, blocks radiant heat while topcoat is highly reflective.
<b>No Tear Off</b>	For reroofing applications, typically no costly tear off required.
<b>No Fasteners or Seams</b>	No problems with fastener shorts and gaps in insulation, leaking energy.
<b>Air Barrier</b>	Many membrane roofs act as bellows by actually pumping out conditioned air and bring in outside air. A fully adhered Everplus System prevents this air infiltration.
<b>Low Cost</b>	An Everest MIP system is cost effective.
<b>Low Life Cycle Cost</b>	Simply maintaining the protective surface coating on your roof every 10-15 years, your roof will last indefinitely.
<b>Rebates</b>	Many local and federal rebates are available.

## Environment

<b>No Tear Off</b>	Typically no need to remove roof and fill our land-fills with roof waste.
<b>Environmentally Friendly</b>	Non -hazardous, non- flammable and easy cleanup.
<b>Low VOC</b>	Meets the most stringent VOC requirements in the U.S.
<b>Low Odor</b>	Can be installed in situations where rooftop air handlers cannot be turned off.
<b>Sustainable</b>	Simply maintaining the protective surface coating on your roof every 10-15 years, your roof will last indefinitely.



## Process

1. Prime roof with universal primer [ensures complete adhesion of roofing system to the substrate].
2. The two component spray foam is applied to your roof in several passes to achieve the required thickness and overall R-value. This MIP [manufactured-in-place] process ensures a seamless, fully adhered barrier that is over 1.5 inches thick and covers the whole roof.
3. Next, a topcoat of protective coating is applied in a minimum of two coats. This layer reflects the sun's heat and protects the polyurethane foam from UV rays.
4. Finally, a layer of granules may be added to provide further protection and provide the appearance of traditional roofing.



*Our 30 years in Coatings in industry and a focus on quality allows us to provide effective solutions for any roofing installation, no matter how unique, and you can be sure it will perform for many years.*

### Everest Systems Co.

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