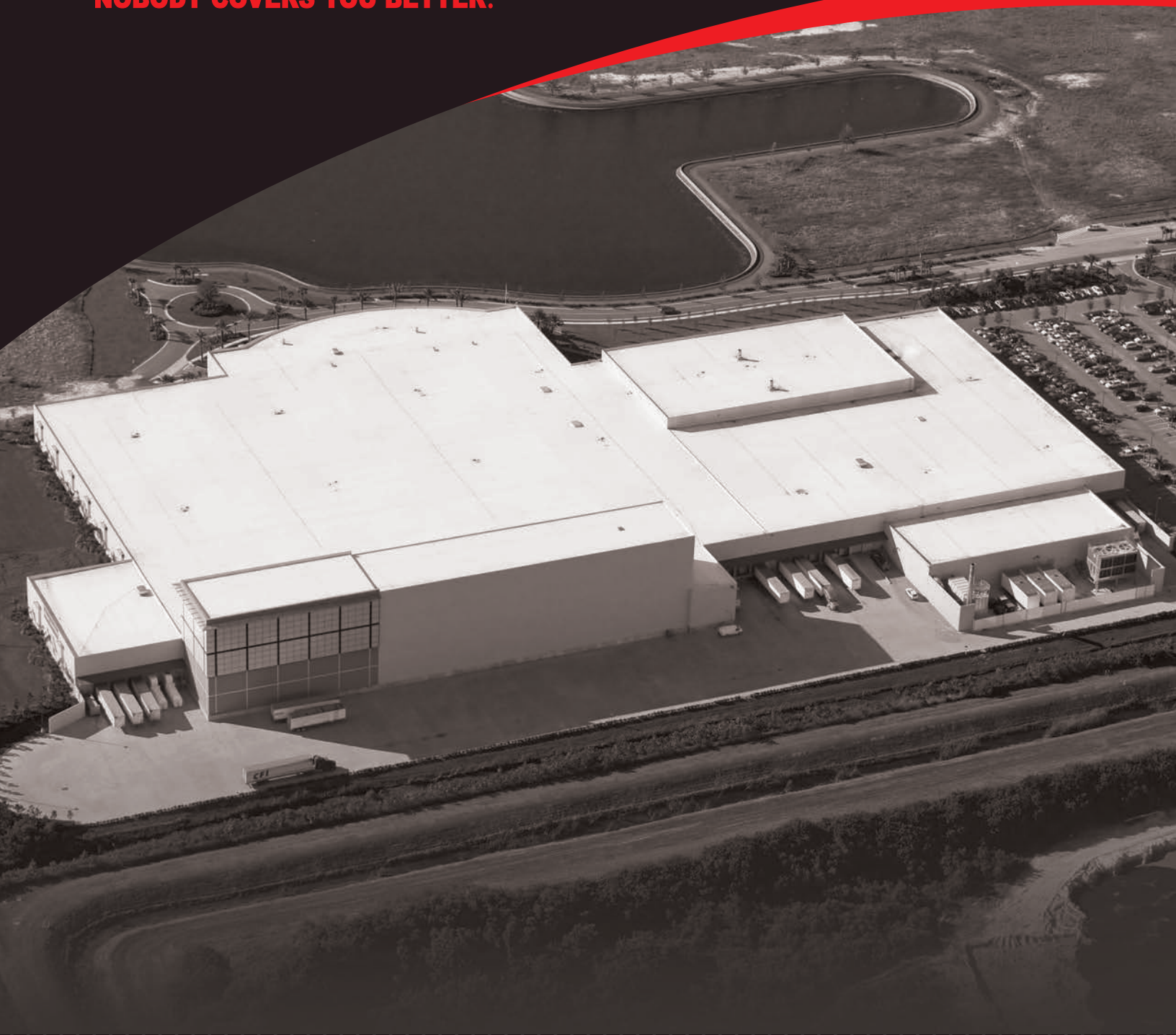


**Firestone**  
**BUILDING PRODUCTS**  
**NOBODY COVERS YOU BETTER.™**



# Firestone UltraPly™ TPO Products

EXPERIENCE THE ULTIMATE IN COOL ROOFING TECHNOLOGY.



## Firestone UltraPly TPO

Exceptional building performance starts at the top.

Significant reduction in roof's surface temperature. Greater energy efficiency. More indoor comfort and lower electricity bills. It's no surprise that thermoplastic polyolefin (TPO) roofs are the fastest growing, sustainable commercial roofing products available. And with nearly two decades of TPO experience, Firestone proudly stands behind our family of UltraPly TPO products.

Introduced in 1998, our TPO formulation is designed to provide excellent ozone and chemical resistance, ensuring long-term roof performance. Plus, TPO is environmentally friendly, offers superior puncture resistance (especially against hail) and costs less than competitive roofing materials. So you can stay at the top of your game – sustainably.

### ULTRAPLY TPO SYSTEM OPTIONS

- Mechanically attached, fully adhered, self-adhered and ballasted systems
- Installed in 8', 10' and 12'4" widths
- Available in white, tan or gray
- Designed for low-slope application

# TOP FIVE BENEFITS OF ULTRAPLY TPO

See what a partnership with Firestone can bring to your building.



## ENHANCED ENERGY EFFICIENCY

- White reflective surface exceeds the EPA's ENERGY STAR® requirements
- White, tan and gray are listed with the Cool Roof Rating Council (CRRC)
- White and tan are compliant with California's Title 24 Energy Efficiency Building Standards and can be used to gain credits with Leadership in Energy and Environmental Design (LEED®) certification

## LONG-LASTING PERFORMANCE

- Resists degradation from ultraviolet (UV) radiation and ozone
- Guards against erosion from harmful chemicals and microbial growth
- Performs at more than three times the ASTM International standard for weathering resistance

## SUPERIOR DURABILITY AND STRENGTH

- Average thickness over scrim exceeds ASTM D6878 standard on 45-mil, 60-mil and 80-mil
- Provides enhanced puncture, tear and abrasion resistance

## LESS ENVIRONMENTAL IMPACT

- Firestone's manufacturing plants are ISO-9001-certified and located to provide nationwide coverage
- Can add LEED® points to the design, construction, operation and maintenance of a commercial building
- Proximity of product availability reduces greenhouse gas emission and contributes to energy conservation
- Does not contain chlorinated or halogenated components

## EXCELLENT WIND UPLIFT RESISTANCE

- Firestone Wide-Weld™ TPO seaming technology creates a full-width seam extending on both sides of the seam attachment
- Process allows uplift forces to be distributed uniformly along all edges of the fastening system for improved wind resistance



## LEGENDARY WARRANTIES





## Firestone UltraPly TPO Platinum™ Systems

Extend your roof life – and peace of mind.

In addition to long-lasting performance, UltraPly TPO Platinum membrane delivers:

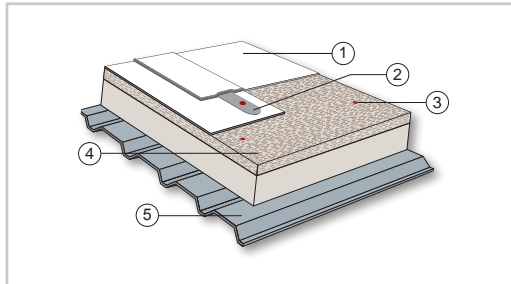
- Exceptional 30-year warranty coverage
- 80-mil thick reinforced membrane
- Mechanical or fully adhered attachments
- Excellent field seams and high-wind ratings
- Chlorine - and halogenate-free components

Exceeds EPA's ENERGY STAR® requirements!

### PATENTED WIDE-WELD SEAMING TECHNOLOGY

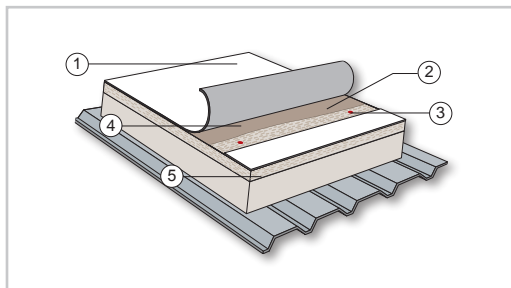
- Superior strength for high-wind areas
- Higher wind uplift ratings than traditional single-weld systems
- Full-width seam distributes uplift forces uniformly

## UltraPly TPO Platinum Products



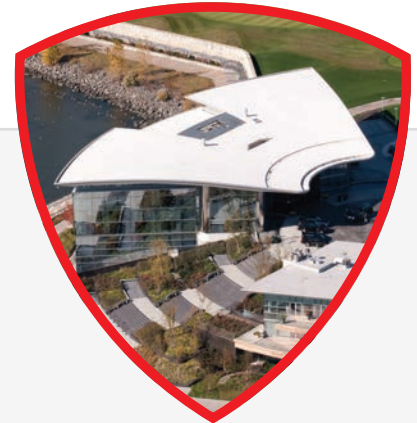
### UltraPly TPO Platinum Mechanically Attached

1. Firestone UltraPly TPO Platinum with Wide-Weld Seam Technology
2. Firestone Batten Strip and Fasteners
3. Firestone HailGard™ Fasteners
4. Firestone HailGard Insulation
5. Roof Deck



### UltraPly TPO Platinum Fully Adhered

1. Firestone UltraPly TPO Platinum with Wide-Weld Seam Technology
2. Firestone UltraPly TPO Bonding Adhesive
3. Firestone HailGard Fasteners
4. Firestone HailGard Insulation
5. Roof Deck



## YOU'RE COVERED.

### MULTIPLE TYPES OF PLATINUM WARRANTIES AVAILABLE:

- Puncture: Coverage for incidental punctures
- Puncture/hail: Coverage for punctures of up to 2"-diameter hail
- Puncture/hail/wind: Coverage for punctures, hail and 100-mph wind



## Firestone UltraPly TPO XR

Greater versatility. Easy choice.

Whether you're installing a new roof or covering your existing system, UltraPly TPO XR has your back. Reinforced with eight-ounce, nonwoven polyester fleece, UltraPly TPO XR membrane combines the attributes of UltraPly TPO membrane with a fleeceback material. So you and your building benefit from:

- Three thickness options – XR 100 (45-mil), XR 115 (60-mil) and XR 135 (80-mil)
- Quick and easy installation methods, especially efficient for large areas
- LVOC low-rise foam adhesive options from Firestone (XR Stick™ and I.S.O.Spray™ S Adhesives) specifically designed for use with UltraPly TPO XR membrane
- Superior cut and puncture resistance, enhancing sustainability
- Excellent resistance to microbial growth, environmental pollutants and UV rays
- CRRC-rated and may contribute to LEED® points
- Ideally suited for reroof applications and new construction





## Firestone ReflexEON™ TPO

The bright way to save on energy.

ReflexEON TPO offers high solar reflectivity. Its enhanced formulation provides uncompromised weatherability and durability – year after year.

Firestone ReflexEON TPO

Conventional White

ReflexEON TPO is significantly brighter than standard TPO membrane. That means potentially even lower energy bills!



## Firestone UltraPly TPO SA Membrane

Time is money. Go with a membrane that saves on both.

We understand that you need to get the job done quickly. That's why our UltraPly TPO SA membrane requires no bonding adhesives or extra drying time. That means less labor and faster installation – without compromising on quality.

### EASY "POSITION AND PEEL" INSTALLATION

- Position the membrane over the ISOGARD™ HD Cover Board or approved substrate
- Peel off the release liner and mate the membrane to the substrate
- Poly release liner and packaging are designed to protect the rolls during handling, yet make it easy to remove from the rooftop

### FLEXIBLE TPO PERFORMANCE

- Enhances adhesion to the approved substrates, resulting in a lay-flat application
- Offers better conformity to insulation joints and step-offs
- Virtually no wrinkling when applied professionally

### ZERO VOLATILE ORGANIC COMPOUNDS (VOCs)!

- Less harmful to the environment
- Improve worksite air quality outside and inside
- Eliminate odor



## Firestone UltraPly TPO InvisiWeld™ System

### Labor Cost Savings for Contractors:

- The InvisiWeld System typically requires 25% to 50% fewer fasteners compared to conventional, mechanically attached TPO systems – allowing a more seasoned welder to weld up to 300 plates an hour
- The system can be applied even in cold conditions, allowing for faster drying in inclement weather
- The installation is simple and quick, with a well-established technology that's been proven to perform since the 1990s

### QUALIFIES FOR A 20-YEAR RED SHIELD™ WARRANTY

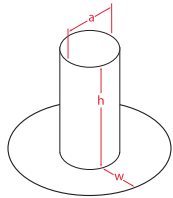
- No membrane penetrations
- Symmetrical load distribution
- Faster roof dry-in
- Elimination of half sheets
- Increased wind uplift resistance
- Improved aesthetics

The patented InvisiWeld System uses advanced technology to mechanically install TPO roofs without fasteners penetrating the UltraPly TPO membrane – bringing you considerable savings in labor and material costs.

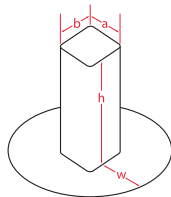


# Plus: Check These Out!

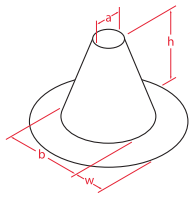
## UltraPly TPO Custom Accessories



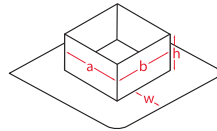
Round Pipe Boot



Square Boot



Coned Boot



Curb Flashing

For building projects with unique roof designs and elements, it pays to have customized UltraPly TPO accessories from a company you can trust. All of our standard and custom made-to-order TPO accessories are branded with the Firestone name and covered in the Firestone warranty. Save time and money with a variety of options designed to enable a professional installation on every project.

## THE FIRESTONE DIFFERENCE



### PRODUCTS

Choose from single-ply and APP/SBS modified bitumen roofing systems, metal roofing systems, polyiso insulation and a full line of accessories



### QUALITY CONTROL

Rest assured knowing that each Firestone manufacturing facility meets or exceeds ISO 9001



### EXPERTISE

Expect installation and product support from a wide-ranging network of expert contractors, distributors and sales reps



### STABILITY AND INNOVATION

Count on over 100 years of success in rubber and polymer technology



### RESOURCES

Access a broad depth of raw materials as part of the world's largest tire and rubber company



### R&D COMMITMENT

Benefit from annual investments of millions of dollars in research and development



### GREEN FOCUSED

Partner with a company that plays a global role in protecting the environment. Firestone prioritizes recyclability, reflectivity, conservation and sustainability





# **Firestone**

**BUILDING PRODUCTS**

## **NOBODY COVERS YOU BETTER.™**


Partnering with Firestone Building Products means superior support that goes beyond the materials you need for your projects. We look at the big picture with you, taking the entire building envelope into consideration, so we can provide you with a complete solution. For exceptionally performing building materials backed by the services, warranty and expertise you need...

## Count on Firestone.



For more information, ask your local Firestone sales rep or visit [firestonebpc.com](http://firestonebpc.com).

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 /FirestoneBuildingProducts

 @FirestoneBPCo

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