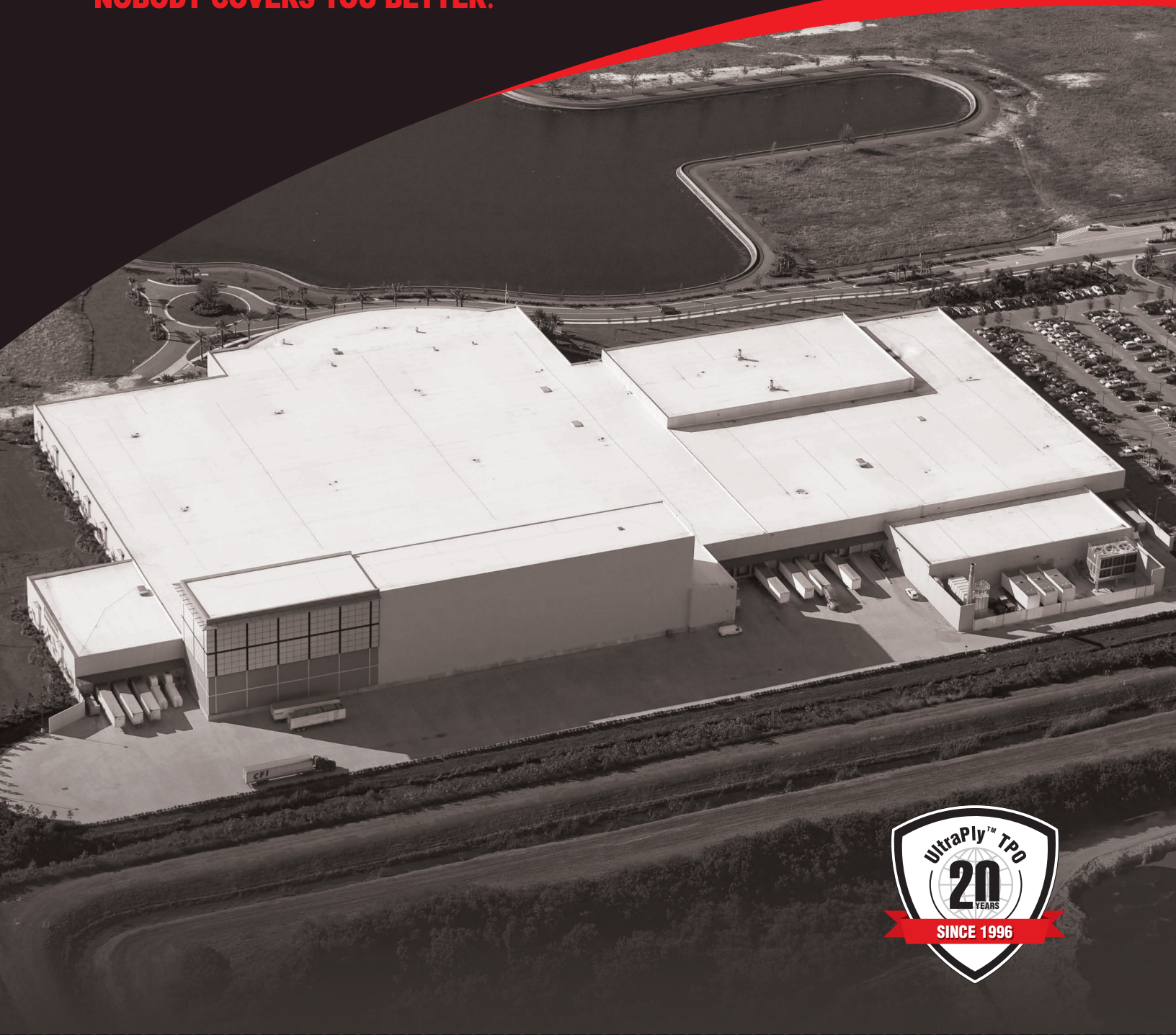


**Firestone**  
**BUILDING PRODUCTS**  
**NOBODY COVERS YOU BETTER.™**



# Firestone UltraPly™ TPO Membranes

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 two decades of TPO experience, Firestone proudly stands behind our family of UltraPly TPO products.

Introduced in 1996, 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 5', 6', 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







# UltraPly TPO Platinum™ Systems

Extend your roof life – and peace of mind.

In addition to long-lasting performance, UltraPly TPO Platinum Systems deliver:

- 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
- Variety of warranties including puncture, wind and hail

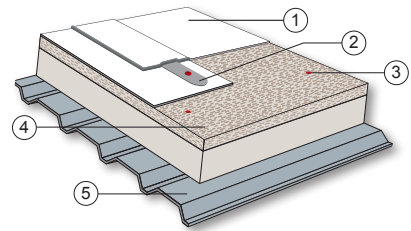
## PATENTED WIDE-WELD SEAMING TECHNOLOGY

- 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

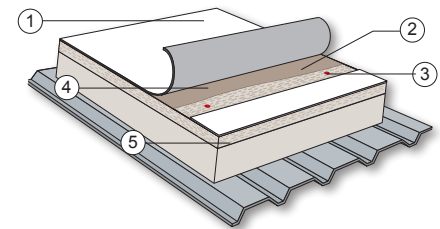
### UltraPly TPO Platinum Mechanically Attached

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



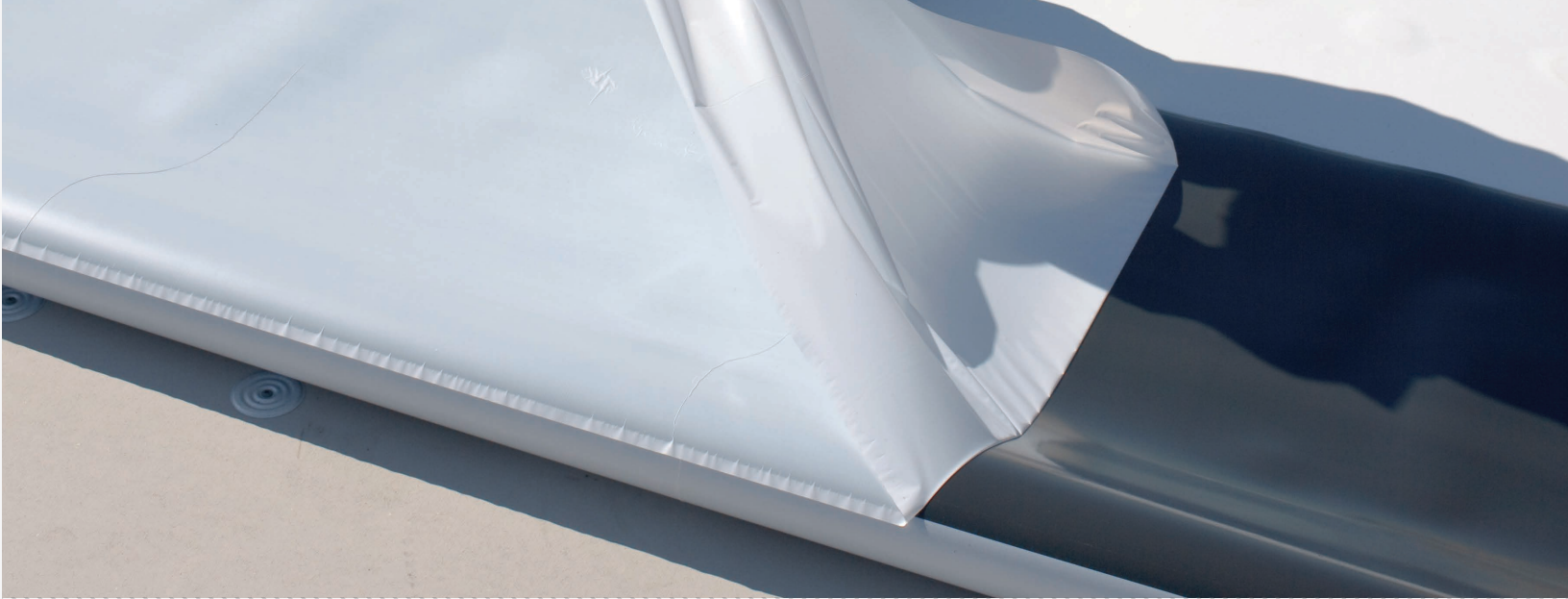
### UltraPly TPO Platinum Fully Adhered

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



## MULTIPLE TYPES OF PLATINUM WARRANTIES AVAILABLE

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



# UltraPly TPO SA with Secure Bond™ Technology

## Creating the most powerful bond possible.

Firestone Building Products UltraPly TPO SA with Secure Bond Technology is a self-adhering membrane with a revolutionary, factory applied, pressure sensitive adhesive. Designed to be the next generation in fully adhered roof system application, Firestone's Secure Bond Technology ensures uniform adhesion coverage across the entire membrane, creating the most powerful bond possible. This advanced technology significantly improves installation speed over traditional TPO fully adhered systems and widens the weather window, with the ability to install down to 20°F.



### COLD AND HOT WEATHER PERFORMANCE

- Significantly expand your annual installation window, even down to 20 °F with outstanding adhesion.



### ADHESIVE STRENGTH

- Secure Bond Technology creates a bond twice as strong\* as the nearest self-adhered membrane competitor, while also significantly outperforming liquid LVOC adhesives.

(\*Under specific laboratory conditions)



### INSTALLATION SPEED

- Installs from two to five times faster than standard fully adhered applications depending on ambient conditions.



### ODORLESS & SAFE

- With zero Volatile Organic Compounds (VOCs), Secure Bond Technology is compliant with all state VOC regulations, is safe for the contractor, building occupants and the environment.

### SECURE BOND TECHNOLOGY

- Meets or exceeds all ASTM requirements
- UL and FM tested and approved
- Covered by Firestone's Red Shield™ Warranty



## 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 fleecelback 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





## The InvisiWeld™ Fastening System

Using advanced technology, the InvisiWeld Fastening System mechanically installs UltraPly TPO roofs – without fasteners penetrating the roofing membrane. So you get labor and material savings, more wind uplift resistance and a more balanced load distribution across the whole roof.

### UltraPly TPO Accessories

At Firestone Building Products, we're proud to provide our customers with a line of UltraPly TPO membranes and accessories that are backed by a history of excellence and the exclusive Red Shield Warranty. Because we know your job requires a complete solution that goes beyond the products you need – it's our job to supply just that.

#### Adhesives

- UltraPly Bonding Adhesive
- Water Based Bonding Adhesive P
- Single-Ply LVOC Bonding Adhesive
- Single-Ply LVOC Bonding Adhesive 1168
- UltraPly TPO XR Bonding Adhesive
- XR Stick Adhesive

#### QuickSeam™

- UltraPly TPO QuickSeam 5.5" & 9.5" Flashing
- UltraPly Quickseam RMA Strip
- UltraPly Quickseam RPF Strip
- UltraPly Quickseam Pipe Boots
- QuickSeam Safety Strip
- SinglePly QuickPrime™ Primer



# **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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