

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



## Firestone Self-Adhering Membranes

WITH NEW SECURE BOND™ TECHNOLOGY



## Creating the Most Powerful Bond Possible

UltraPly™ TPO SA and RubberGard™ EPDM SA with Firestone's **NEW Secure Bond™ Technology** are self-adhering membranes 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 not only significantly improves installation speed over traditional fully adhered applications, but also widens the weather window with the ability to install down to 20 degrees Fahrenheit.

Strategically engineered to perform on several substrates, with less waste (no pails or rollers requiring disposal), Secure Bond Technology delivers a self-bonding membrane with total consistent adhesion coverage for unparalleled performance.

- Available for UltraPly TPO SA and RubberGard EPDM SA membranes.
- Meets or exceeds all ASTM requirements.
- UL and FM tested and approved.
- Covered by Firestone's Red Shield™ Warranty.

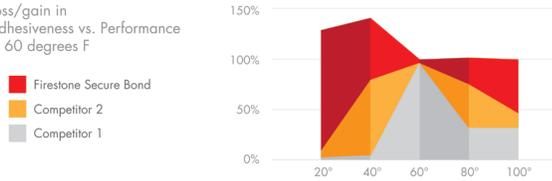
# Strategically Engineered to Perform



## COLD AND HOT WEATHER PERFORMANCE

### TACK TEST FIRESTONE vs. COMPETITORS

Loss/gain in Adhesiveness vs. Performance @ 60 degrees F



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



## ADHESIVE STRENGTH

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Peel Test - Max Load (lbf/in)



- Secure Bond Technology creates a bond twice as strong\* as the nearest self-adhered membrane competitor, while also significantly outperforming liquid LVOC adhesives.
- Bonds nearly as well as standard solvent-based bonding adhesives without having to worry about the variability of inconsistent or incorrect coverage rate, or proper flash-off associated with applying liquid bonding adhesives, especially in cold weather.

(\*Under specific laboratory conditions)



## INSTALLATION SPEED

### ADHESIVE FLASH OFF TIMES AT VARIOUS TEMPS

\*In minutes

Temperature (°F)	FIRESTONE SECURE BOND	STANDARD BONDING ADHESIVE	LVOC BONDING ADHESIVE
90°	0	9	14
70°	0	17	19
50°	0	19	24
30°	0	20	27

- Installs from two to five times faster than standard fully adhered applications depending on ambient conditions.
- Requires no primer on approved substrates and is ideal for vertical applications.



## ODORLESS & SAFE

### VARIOUS BONDING ADHESIVES VOC CONTENT

\*grams VOC per rule 1168

**600-700**  
GRAMS/LITER

STANDARD  
BONDING ADHESIVE

**200-250**  
GRAMS/LITER

LOW VOC  
BONDING ADHESIVE

**0**  
GRAMS/LITER

**FIRESTONE SECURE BOND TECHNOLOGY**

- 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.
- Release liner is not hazardous and is 100% recyclable.
- With no odor, it is safe to install while the building is occupied. It's ideal for use on occupied buildings like schools and hospitals where concerns about odor make it difficult to install a fully adhered system.
- Less material to transport to roof and avoid costly disposal fees for hazmat material.



## PRODUCT SPECIFICATIONS

	ULTRAPLY TPO SA	RUBBERGARD EPDM SA
<b>Standard Thickness</b>	60 mil (1.52 mm)	60 mil (1.52 mm)
<b>Standard Width</b>	5' (1.5 m) / 10' (3 m)	5' (1.5 m) / 10' (3 m)
<b>Standard Length</b>	100' (30.5 m)	100' (30.5 m)
<b>Color</b>	White, Tan, Gray	Black
<b>Seams</b>	Heat Weld	Field Applied Tape
<b>Flash Off</b>	None	None
<b>VOCs</b>	None	None
<b>Odors</b>	None	None



### Single-source coverage

(Firestone Red Shield Warranty)

When installed by a licensed Red Shield Contractor, your Firestone Roofing System (*materials, labor and installation*) can be covered by a single Firestone Red Shield Warranty.



For more information, contact your local Sales Rep or visit  
**FIRESTONEBPCO.COM.**

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