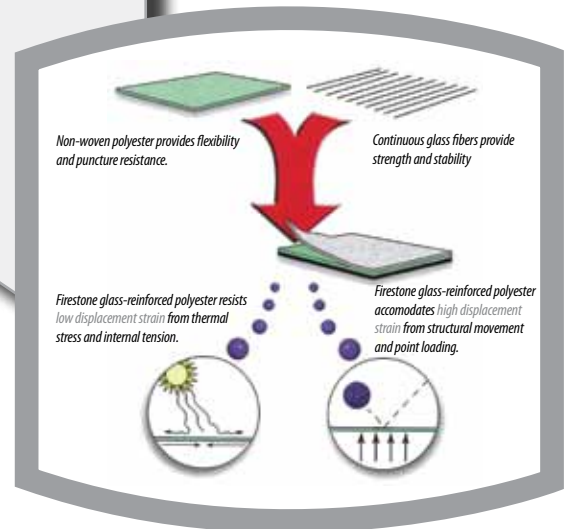
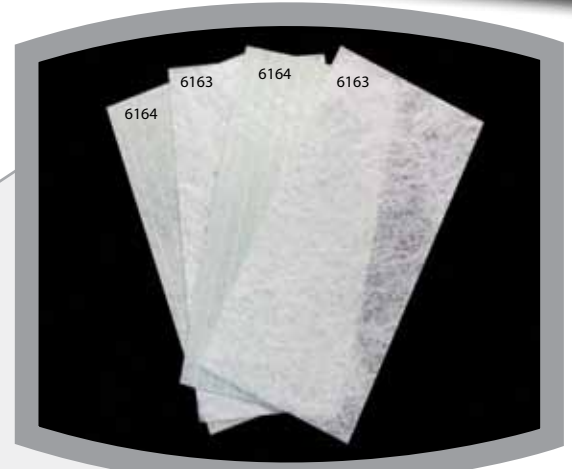


Firestone SBS Roofing Systems

The Proof Is In The Reinforcement



Miami Beach Convention Center and Jackie Gleason Theater of the Performing Arts—
873,000 square feet of Firestone 2-ply SBS system.



Multiple Options. One Specification.

When it comes to Modified Bitumen Sheets, you have a choice:

ASTM D 6162 = Combination of polyester and glass fiber reinforcements

ASTM D 6163 = Glass fiber reinforcements

ASTM D 6164 = Polyester reinforcements

The Solution... **Firestone's ASTM 6164 SBS Products**

Firestone's innovative ASTM 6164 reinforcement combines a polyester mat enhanced with fibrous glass strands in the machine direction. Combining the strength of glass with the flexibility of polyester gives the building owner the optimum performance for their project. It truly is the best of both ASTM standards.

Firestone
BUILDING PRODUCTS
NOBODY COVERS YOU BETTER.™

► Higher Performance....Lower Cost

Compared to other typical ASTM 6162 products, the Firestone ASTM 6164 sheets provide enhanced performance while typically delivering a lower installed cost.

► ASTM Standards for SBS Products

Many specifications call for SBS products that conform to ASTM standards D 6162 or D 6163. There are several reasons why Firestone's D 6164 SBS outperforms those other product offerings.

In every case, Firestone's polyester reinforced SBS products outperform the other products in service, providing greater elongation and recovery, flexibility, puncture strength, and foot traffic resistance. In many cases, Firestone SBS meets or exceeds the properties of all three ASTM standards.

The following table summarizes the property requirements and performance values for the three ASTM SBS Product Standards compared to Firestone SBS.

	ASTM D 6162 Type II Grade G ASTM	ASTM D 6163 Type II Grade G ASTM	ASTM D 6164 Type II Grade G ASTM	Firestone ASTM D 6164 SBS Products
Property*	Requirement	Requirement	Requirement	Typical
Thickness, Mil, Granule	130	105	130	158 ✓
Weight, lb/100 ft ² , Granule	75	75	90	93.7 ✓
Strength @ 0°F, min	125	150	100	126 ✓
Elongation @ 0°F, min	2	2	20	50 ✓
Strength @ 73°F, min	80	80	70	80 ✓
Elongation @ 73°F, min	4	4	50	52 ✓
Ultimate Elongation (5%), min	75	40	60	91 ✓
Tear Strength lbf, min	90	110	70	128 ✓
Low Temp Flex °F, max	0	0	0	-15 ✓
Dimensional Stability %, max	0.5	0.5	1	0.2 ✓
Compound Stability, °F, min	225	215	215	250 ✓

*All products are tested in accordance with ASTM test methods D-5147

✓ = Exceeds standard ASTM D 6162

Products include: SBS Polybase, Polytorch base, SBS Cap, SBS FR Cap, SBS FR Torch, SBS Smooth, SBS Premium, SBS Premium FR, Premium FR Torch, SBS Torch

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Firestone Has a Full Line of Modified Products



UltraWhite™

Granules applied to capsheets rendering a highly reflective surface to enhance energy efficiency.



UltraFlash™

2-part urethane liquid rubber flashing and coating for difficult rooftop details.



LiquiGuard™

2-part urethane adhesive forms strong bonds. Economical, odorless & contains zero VOC.

