



Product Data

3842 FiberTite Brite™ with Kynar® fluoropolymer top-finish is the pioneering roofing solution engineered specifically for unique, high-profile projects that require long-lasting aesthetics and tough protection. Custom solid colors and pattern designs are available.

DESCRIPTION

The FiberTite Brite membrane features a 5-oz per square yard – 20 x 20 / 840 x 1000 denier woven reinforced polyester fabric coated with a proprietary high performance architectural grade vinyl compound and top finished with the unique Kynar fluoropolymer coating to repel dirt and promote unmatched color fastness that is unknown in any other thermoplastic roofing membrane. In addition to the FiberTite standard warranty, FiberTite Brite also has a 10-year, limited colorfast warranty.

FiberTite Brite is 45-mil (1.14mm) thick and is manufactured in 75' x 100' (1.83m x 30.48m) conventional roll goods with a nominal three (3) inch top finish miss for field welding. FiberTite Brite is available in these colors: White, Salem Blue, Desert Tan, Brownstone Red, Patina Green and Copper (metallic) as well as custom colors. FiberTite Brite is principally engineered for adhered membrane roofing applications. Field seaming is accomplished by fusing the thermoplastic vinyl membrane with conventional hot air welding equipment. For areas requiring field welding within the Kynar top finish; the Kynar must be removed. This is easily accomplished by masking the area and removing the Kynar with methyl ethyl ketone (MEK).

Combining Proven Technologies

FiberTite Brite is the result of combining three leading technologies – FiberTite Roofing Systems, Seaman Corporation's architectural vinyl membrane technology, and the proven performance of Kynar, a fluoropolymer coating that has been the coating of choice for standing seam metal for over 45 years, and known for its long-lasting aesthetics.

FiberTite Roofing Systems revolutionized the roofing industry in 1979 by being the toughest, longest lasting roofing membrane on the market. FiberTite has been proven to last, with membranes still performing after more than 30 years.

Seaman Corporation is vertically integrated, which allows complete control over the manufacturing process from the selection of the yarns, to the engineering, knitting and weaving of the base fabrics to the final coating process. Today, FiberTite Roofing Membranes are the result of Seaman Corporation's 60 years of applied fabric engineering and coating technology.

PHYSICAL PROPERTIES

ASTM D4434-06 Type III	Minimum Requirements	FiberTite Brite
Thickness, inches mm (in) <i>ASTM D751</i>	1.14 (.045)	1.18 (0.0465)
Thickness Over Fiber, mm (in) <i>ASTM D751</i>	.40 (.016)	.47 (0.0185)
Breaking Strength, kN (lbf) <i>ASTM D751, Grab</i>	35 (200)	82 (469) MD 88 (503) XMD
Elongation at Break, %: <i>ASTM D751, Grab</i>	15	18 MD 30 XMD
Seam Strength, min% of Breaking Strength <i>ASTM D 751</i>	75	100
Retention of Properties after Heat Aging Breaking Strength, strip, % original Elongation at Break, strip, % original	90 90	Pass Pass
Tear Strength, N (lbf) <i>ASTM D751</i>	200 (45)	311 (70) MD 316 (71) XMD
Low Temperature Bend (Minus 40°F) <i>ASTM D2136</i>	Pass	Pass
Accelerated Weathering Test: <i>ASTM G154</i> Cracking (7x Magnification) Crazing (7x Magnification)	None None	None None
Linear Dimensional Change, max, % <i>ASTM D1204</i>	0.5	Pass
Change in Weight After Exposure in Water, max % <i>ASTM D570</i>	±3	1.86
Static Puncture Resistance <i>ASTM D5602</i>	Pass	Pass
Dynamic Puncture Resistance <i>ASTM D5635</i>	Pass	Pass



**INTELLIGENT
ROOFING SOLUTIONS**

For additional information on FiberTite Roofing Systems and Accessories, please call:
Seaman Corporation (800) 927-8578
International (330) 263-6121
Or visit our Web Site at www.fibertite.com

FiberTite® is a registered trademark of Seaman Corporation.
Kynar® is a registered trademark of Arkema, Inc.
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As to an external fire exposure only. See UL directory of products certified for Canada and UL roofing materials and systems directory 34KL, 48P0, 97P9.



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