



FiberTite® Approvals:
FiberTite Roof Systems
FM RoofNav® Reference Guide



Updated: May 2021

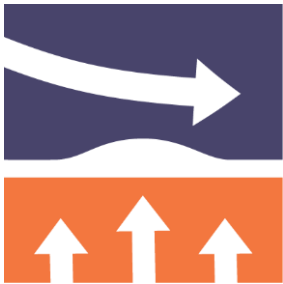


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RoofNav® from FM Approvals® provides access to the most up-to-date FM Approved roofing products and assemblies. The *FiberTite RoofNav Guide* is a reference provided by Seaman Corporation as an overview of FiberTite- specific information from FM Approvals, including lists of common FiberTite assemblies and their corresponding RoofNav numbers. This Guide is general in nature, intending to provide the user information pertaining to common roof system assemblies incorporating FiberTite roof membrane, and therefore should be viewed and used as a partial list from among the thousands of listings available on the [FM Global RoofNav website](#).

What Is Tested?



Wind Uplift Testing

Simulated wind uplift forces, testing the pull-off strength and impact resistance for relevant fastening components to verify the wind uplift security of FiberTite Roof Systems.



Internal Fire Testing

Cone calorimeter testing assesses the behavior in fire of the roof structure in relation to ignitability, combustibility, and the production of smoke and toxic gases.



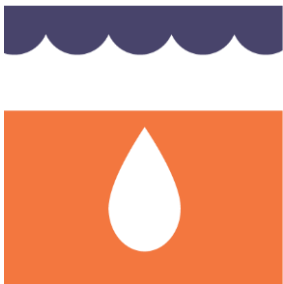
External Fire Testing

Physically testing the flammability and flame propagation of the materials to verify the fire resistance of FiberTite Roof Systems.



Hailstone Damage Testing

Simulated hail storms are used to verify the hailstone impact resistance of the FiberTite Roof Systems.



Watertightness (Leak Testing)

Artificial weathering and liquid water resistance testing to verify the outstanding watertightness of FiberTite Roof Systems.



Foot Traffic Testing

Physical and simulated walking and load testing to verify the pedestrian and traffic resistance of FiberTite Roof Systems.



Tear Resistance Testing

Testing the fixings and fasteners to verify the pull-out strength and tear resistance of FiberTite Roof Systems.



Corrosion Testing

Testing the fixings and fasteners to verify the corrosion resistance and durability of FiberTite Roof Systems.



FiberTite® Roof Systems FM RoofNav® Reference Guide

Updated: May 2021

New Entries, 05-2021:

Added - FTR 601-PG Spatter Applied:

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Added - FTR SBS Adhesive:

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Foreword

This Guide is general in nature, intending to provide the user information pertaining to common roof system assemblies incorporating FiberTite roof membrane, and therefore should be viewed and used as a partial list from among the thousands of listings available on the FM Global RoofNav website.

Disclaimer

THE REFERENCE CHARTS CONTAINED HEREIN ARE GENERAL GUIDELINES BASED ON INFORMATION KNOWN TO RESIDE ON THE FM GLOBAL ROOFNAV WEBSITE. THIS INFORMATION IS SOLELY INTENDED TO FACILITATE AND ASSIST IN THE SELECTION OF ROOF MATERIALS, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR THE SKILL, EXPERTISE AND JUDGMENT OF A DESIGN PROFESSIONAL. THE ULTIMATE SELECTION OF A ROOF ASSEMBLY FOR ANY PARTICULAR ROOFING PROJECT REMAINS THE RESPONSIBILITY OF THE BUILDING OWNER IN CONSULTATION WITH A QUALIFIED DESIGN PROFESSIONAL.

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Very Severe Hail Approvals over Steel Deck

All References are for [New Construction or Tear off](#)

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Total All Layer(s)	Intermediate Layer(s)	Vapor Barrier	Vapor Barrier Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.
NEW I-60	FiberTite FB FiberTite- XT FB FiberTite-XTreme FB	FTR-CR20 FTR-290 FTR-601 PG	Min. 0.5-in. APA Rated OSB Sheathing	FTR-601 12-in. row	12-in Max <i>FTR-Value</i>	FTR-601 12-in. row	VaporTite	Self-Adhered with FTR SA Primer	Min. 0.5-in. DensDeck Prime	FTR-Fasteners, 1 per 2 ft ²	452202-0-0
NEW I-90	FiberTite FB FiberTite- XT FB FiberTite-XTreme FB	FTR-CR20 FTR-290 FTR-601 PG	Min. 0.5-in. APA Rated OSB Sheathing	FTR-601 12-in. row	12-in Max <i>FTR-Value</i>	FTR-Fasteners, 1 per 2 ft ²	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	452206-0-0
NEW I-90	FiberTite FB FiberTite- XT FB FiberTite-XTreme FB	FTR-CR20 FTR-290 FTR-601 PG	Min. 0.5-in. APA Rated OSB Sheathing	FTR-601 12-in. row	12-in Max <i>FTR-Value</i>	FTR-601 12-in. row	VaporTite	Self-Adhered with FTR SA Primer	Min. 0.5-in. DensDeck Prime	FTR-Fasteners, 1 per 2 ft ²	452201-0-0
I-90	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c. Hot Asphalt	12-in Max	FTR-Fasteners, 1 per 4 ft ²	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	479463-0-0
I-105	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c. Hot Asphalt	12-in Max	FTR-Fasteners, 1 per 2 ft ²	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	479470-0-0
I-135	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c.	12-in Max	FTR-Fasteners, 1 per 1.33 ft ²	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	479471-0-0
I-180	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c.	12-in Max	FTR-Fasteners, 1 per 1 ft ²	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	479472-0-0
I-105	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c. Hot Asphalt	12-in Max FTR-Value	FTR-601 12-in o.c Hot Asphalt	VaporTite	Self-Adhered with FTR SA Primer	Min. 0.5-in. gypsum board	FTR-Fasteners, 1 per 2 ft ²	479482-0-0
I-165	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c. Hot Asphalt	12-in Max FTR-Value	FTR-601 12-in o.c. Hot Asphalt	VaporTite	Self-Adhered with FTR SA Primer	Min. 0.5-in. gypsum board	FTR-Fasteners, 1 per 1 ft ²	479480-0-0

Very Severe Hail Approvals over Structural Concrete Deck

All References are for [New Construction or Tear off](#)

Insulation Attachment: FiberTite FTR 601 ½ inch beads spaced 12 inch o.c.

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Total All Layer(s)	Intermediate Layer(s)	Vapor Barrier	Vapor Barrier Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.
NEW I-300	FiberTite FB FiberTite- XT FB FiberTite-XTreme FB	FTR-CR20 FTR-290 FTR-601 PG	Min. 0.5-in. APA Rated OSB Sheathing	FTR-601 12-in. row	12-in Max FTR-Value	FTR-601 12-in. row	n/a	n/a	n/a	n/a	452188-0-0
NEW I-300	FiberTite FB FiberTite- XT FB FiberTite-XTreme FB	FTR-CR20 FTR-290 FTR-601 PG	Min. 0.5-in. APA Rated OSB Sheathing	FTR-601 12-in. row	12-in Max FTR-Value	FTR-601 12-in. row	VaporTite	Self-Adhered with FTR SA Primer	n/a	n/a	452370-0-0
NEW I-301	FiberTite FB FiberTite- XT FB FiberTite-XTreme FB	FTR-CR20 FTR-290 FTR-601 PG	Min. 0.5-in. APA Rated OSB Sheathing	FTR-601 12-in. row	12-in Max FTR-Value	FTR-601 12-in. row	FiberTite-SBS TG Base	concrete primer, asphaltic	n/a	n/a	452372-0-0
I-165	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c.	12.5-in Max	FTR-601 12-in o.c.	n/a	n/a	n/a	n/a	479437-0-0
I-270	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c.	12-in Max	FTR-601 12-in o.c.	n/a	n/a	n/a	n/a	479445-0-0
I-150	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c.	4-in Max	FTR-601 12-in o.c. Hot Asphalt	SBS	FTR SBS Adhesive	n/a	n/a	479507-0-0
I-420	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c.	12-in Max FTR-Value	FTR-601 12-in o.c. Hot Asphalt	SBS TG	concrete primer, asphaltic	n/a	n/a	479496-0-0
I-420	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c.	12-in Max FTR-Value	FTR-601 12-in o.c. Hot Asphalt	VaporTite	Self-Adhered with FTR SA Primer	n/a	n/a	479477-0-0

Very Severe Hail Approvals over Existing Roof

All References are for [New Construction or Tear off](#)

Insulation Attachment: FiberTite FTR 601 ½ inch beads spaced 12 inch o.c.

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Total All Layer(s)	Intermediate Layer(s)	Vapor Barrier	Vapor Barrier Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.
I-165	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c.	n/a	n/a	n/a	n/a	n/a	n/a	479442-0-0
I-315	FiberTite-XT	FTR 190e	5/8 DensDeck StormX Prime	FTR-601 12-in o.c.	12-in Max	FTR-601 12-in o.c.	n/a	n/a	n/a	n/a	479442-0-0

Mechanically Attached FiberTite over Steel Deck

All References are for [New Construction or Tear off](#)

Insulation Attachment: (6-per 4' x 8') Board

Membrane: FiberTite, FiberTite-SM, FiberTite-XT, FiberTite-XTreme, FiberTite-FB, FiberTite-XT FB

All Membrane Attachment: FiberTite Magnum Fasteners and Stress Plates

Attachment/ Row Spacing References are "Maximum"

100-in Wide FiberTite Membrane

FMG Wind Uplift Approval	Steel Deck "Minimum Tensile"	Maximum Purlin Spacing	Row Spacing	Fastener Spacing	Fastener & Plate Combination	Membrane Lap Configuration	Insulation/Composite	RoofNav No.
1-60	80 ksi 22-18ga	72-in.	95-in.	18-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	<i>FTR-Value</i>	265186-0-0
1-60	80 ksi 22-18ga	72-in.	95-in.	18-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	<i>FTR-Value w/ DensDeck or H-Shield HD, Securock or DexCell</i>	265190-0-0
1-90	80 ksi 22-18ga	72-in.	95-in.	12-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	<i>FTR-Value</i>	265184-0-0
1-90	80 ksi 22-18ga	72-in.	95-in.	12-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	<i>FTR-Value w/ DensDeck or H-Shield HD, Securock or DexCell</i>	265189-0-0
1-90	80 ksi 22-18ga	72-in.	95-in.	12-in. o.c.	Magnum/ Magnum R275	Single 1.5-in.	<i>FTR-Value</i>	245687-0-0
1-90	80 ksi 22-18ga	72-in.	95-in.	12-in. o.c.	Magnum/ Magnum R275	Single 1.5-in.	<i>FTR-Value w/ DensDeck or H-Shield HD, Securock or DexCell</i>	245691-0-0
1-105	80 ksi 22-18ga	72-in.	95-in.	6-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	<i>FTR-Value</i>	263200-0-0
1-105	80 ksi 22-18ga	72-in.	95-in.	6-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	<i>FTR-Value w/ DensDeck or H-Shield HD, Securock or DexCell</i>	265187-0-0
1-60	33 ksi 22-16ga	72-in.	95-in.	12-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	<i>FTR-Value</i>	257890-0-0
1-60	33 ksi 22-16ga	72-in.	95-in.	12-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	<i>FTR-Value w/ DensDeck or H-Shield HD, or DexCell</i>	257873-0-0
1-60	33 ksi 22-16ga	72-in.	95-in.	12-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	<i>FTR-Value w/ Securock</i>	312259-0-0
1-90	33ksi/ 20ga 33ksi/ 18-16ga 80ksi/ 22-20ga	66-in. 72-in. 72-in.	95-in.	6-in. o.c.	Magnum/ Magnum 2S	Single 1.5-in.	<i>FTR-Value</i>	230398-0-0
1-90	33ksi/ 20ga 33ksi/ 18-16ga 80ksi/ 22-20ga	66-in. 72-in. 72-in.	95-in.	6-in. o.c.	Magnum/ Magnum 2S	Single 1.5-in.	<i>FTR-Value w/ DensDeck or H-Shield HD, Securock or DexCell</i>	229693-0-0

Mechanically Attached FiberTite over Steel Deck

All References are for [New Construction or Tear off](#)

Insulation Attachment: (6-per 4' x 8') Board

Membrane: FiberTite, FiberTite-SM, FiberTite-XT, FiberTite-XTreme, FiberTite-FB, FiberTite-XT FB

All Membrane Attachment: FiberTite Magnum Fasteners and Stress Plates

Attachment/ Row Spacing References are "Maximum"

74-in Wide FiberTite Membrane

FMG Wind Uplift Approval	Steel Deck "Minimum Tensile"	Maximum Purlin Spacing	Row Spacing	Fastener Spacing	Fastener & Plate Combination	Membrane Lap Configuration	Insulation/Composite	RoofNav No.
1-90	33 ksi 22ga	72-in.	69 - in.	12-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in	<i>FTR-Value</i>	257895-0-0
1-90	33 ksi 22ga	72-in.	69 - in.	12-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in	<i>FTR-Value w/ DensDeck or H-Shield HD</i>	257894-0-0
1-90	33 ksi 22ga	72-in.	69 - in.	12-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in	<i>FTR-Value w/ Securock or DexCell</i>	312261-0-0
1-120	33ksi/20-18ga 33ksi/22ga 80ksi/22ga	72-in. 54-in. 72-in.	69 - in.	6-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in	<i>FTR-Value</i>	257893-0-0
1-120	33ksi/20-18ga 33ksi/22ga 80ksi/22ga	72-in. 54-in. 72-in.	69 - in.	6-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in	<i>FTR-Value w/ DensDeck or H-Shield HD, Securock or DexCell</i>	257892-0-0
1-135	80 ksi 22-18ga	72-in.	69-in.	6-in. o.c.	Magnum/ Magnum 2S	Single 1.5-in	<i>FTR-Value</i>	97716-0-0
1-135	80 ksi 22-18ga	72-in.	69-in.	6-in. o.c.	Magnum/ Magnum 2S	Single 1.5-in	<i>FTR-Value w/ DensDeck or H-Shield HD, Securock or DexCell</i>	97714-0-0

Mechanically Attached FiberTite over Steel Deck

All References are for [New Construction or Tear off](#)

Insulation Attachment: (6-per 4' x 8') Board

Membrane: FiberTite, FiberTite-SM, FiberTite-XT, FiberTite-XTreme

All Membrane Attachment: FiberTite Magnum Fasteners and Stress Plates

Attachment/ Row Spacing References are "Maximum"

Double Weld (Cap Strip or Top-Sider) Configurations

FMG Wind Uplift Approval	Steel Deck "Minimum Tensile"	Maximum Purlin Spacing	Row Spacing	Fastener Spacing	Fastener & Plate Combination	Membrane Lap Configuration	Insulation/Composite	RoofNav No.
1-60	80 ksi 22-18ga	72-in.	120-in.	12-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value</i>	24355-0-0
1-60	80 ksi 22-18ga	72-in.	120-in.	12-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value w/ DensDeck or H-Shield HD, Securock or DexCell</i>	24353-0-0
1-120	33ksi/18ga 80ksi/20-18ga 80ksi/22ga	54-in. 72-in. 54-in.	100-in.	6-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value</i>	230400-0-0
1-120	33ksi/18ga 80ksi/20-18ga 80ksi/22ga	54-in. 72-in. 54-in.	100-in.	6-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value w/ DensDeck or H-Shield HD, Securock or DexCell</i>	230399-0-0
1-150	80 ksi 20-18ga	<i>20ga: 60-in. 18ga: 72-in.</i>	100-in.	6-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value</i>	24349-0-0
1-150	80 ksi 20-18ga	<i>20ga: 60-in. 18ga: 72-in.</i>	100-in.	6-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value w/ DensDeck or H-Shield HD, Securock or DexCell</i>	24344-0-0
1-165	80 ksi 20-18ga	<i>20ga: 60-in. 18ga: 72-in.</i>	94-in.	6-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value</i>	230395-0-0
1-225	80 ksi 22-18ga	72-in.	47-in.	6-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value</i>	230396-0-0
1-225	80 ksi 22-18ga	72-in.	47-in.	6-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value w/ DensDeck or H-Shield HD, or DexCell</i>	229673-0-0

Mechanically Attached FiberTite over Steel Deck – Induction Welded Systems

All References are for [New Construction or Tear off](#)

Insulation Attachment: As Noted Under Fastener Pattern

Membrane: FiberTite, FiberTite-SM

Insulation/ Membrane Attachment: FTR Magnum #15/ FTR-IW isoweld Stress Plates

Attachment/ Fastener Patterns are "Maximum"

FMG Wind Uplift Approval	Steel Deck "Minimum Tensile"	Maximum Purlin Spacing	Row Spacing	Fastener Spacing	Fastener & Plate Combination	Membrane Lap Configuration	Insulation/Composite	RoofNav No.
1-60	33 ksi 22-16 ga	72-in.	48-in. 24 o.c.	2' x 4'	FTR-IW isoweld	Single 1.5-in.	<i>FTR-Value</i>	382271-0-0
1-75	80 ksi 22-16 ga	72-in.	48-in. 24 o.c.	2' x 4'	FTR-IW isoweld	Single 1.5-in.	<i>FTR-Value</i>	382270-0-0
1-75	80 ksi 22-18 ga	72-in.	36-in. 24 o.c.	2' x 3'	FTR-IW isoweld	Single 1.5-in.	<i>FTR-Value</i>	386380-0-0
1-90	80 ksi 22-16 ga	72-in.	36-in. 24 o.c.	2' x 3'	FTR-IW isoweld	Single 1.5-in.	<i>FTR-Value</i>	386371-0-0
1-90	33 ksi 22-16ga	72-in.	36-in. 24 o.c.	2' x 3'	FTR-IW isoweld	Single 1.5-in.	<i>FTR-Value</i>	382294-0-0
1-120	33 ksi 22-18ga	72-in.	60-in. 6 o.c.	0.5' x 5'	FTR-IW isoweld	Single 1.5-in.	<i>FTR-Value</i>	440409-0-0
1-135	33 ksi 22-18ga	72-in.	24-in. 18 o.c.	2' x 1.5'	FTR-IW isoweld	Single 1.5-in.	<i>FTR-Value</i>	440407-0-0
1-165	33 ksi 22-18ga	72-in.	18-in. 18 o.c.	1.5' x 1.5'	FTR-IW isoweld	Single 1.5-in.	<i>FTR-Value</i>	440408-0-0

Mechanically Attached FiberTite over Steel Deck

All References are for [Re-Cover Construction](#)

Insulation Attachment: (6-per 4' x 8') Board; except as noted for Induction Welded Systems

Membrane: FiberTite, FiberTite-SM, FiberTite-XT, FiberTite-XTreme

Attachment/ Fastener Patterns are "Maximum"

Total Insulation Thickness with or without Cover Board = 1-inch

Max. 100-in Wide FiberTite Membrane

FMG Wind Uplift Approval	Steel Deck "Minimum Tensile"	Maximum Purlin Spacing	Row Spacing	Fastener Spacing	Fastener & Plate Combination	Membrane Lap Configuration	Insulation/Composite	RoofNav No.
1-60	80 ksi 22-18ga	72-in.	95-in.	18-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	Any; 1-in. Maximum	314756-0-0
1-75	80 ksi 22-18ga	72-in.	95-in.	12-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	Any; 1- in. Maximum	68292-0-0
1-90	80 ksi 22-18ga	72-in.	95-in.	12-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	Any; 1- in. Maximum	314754-0-0
1-105	80 ksi 22-18ga	72-in.	95-in.	6-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	Any; 1- in. Maximum	314710-0-0
1-60	33 ksi 22-18ga	72-in.	95-in.	12-in. o.c.	Magnum	Single 1.5-in.	Any; 1- in. Maximum	260322-0-0

74-in Wide FiberTite Membrane

1-135	80 ksi 22-18ga	72-in.	72-in.	6-in. o.c.	Magnum, Magnum 2S	Single 1.5-in.	Any; 1- in. Maximum	97717-0-0
1-90	80 ksi 22-18ga	72-in.	72-in.	12-in. o.c.	Magnum	Single 1.5-in.	Any; 1- in. Maximum	68320-0-0
1-90	33 ksi 22-18ga	72-in.	69-in.	12-in. o.c.	Magnum	Single 1.5-in.	Any; 1- in. Maximum	260373-0-0
1-120	33 ksi 22-18ga	72-in.	69-in.	6-in. o.c.	Magnum	Single 1.5-in.	Any; 1- in. Maximum	260374-0-0

Mechanically Attached FiberTite over Existing Lap Metal Roofing

All References are for [Re-Cover Construction](#)

Insulation Attachment: (6-per 4' x 8') Board

Membrane: FiberTite, FiberTite-SM, FiberTite-XT, FiberTite-Xtreme

Attachment/ Spacing References are "Maximum"

"Filler" Insulation may range between .5-in and 4-in.

"Top" Insulation layer may range between 1.5 - 4-in max. or min. 0.25 Dens-Deck

FMG Wind Uplift Approval	Minimum Purlin Thickness	Maximum Purlin Spacing	Row Spacing	Fastener Spacing	Fastener & Plate Combination	Membrane Lap Configuration	Insulation / Composite	RoofNav No.
1-90	50ksi 16-ga	72-in.	72-in.	12-in. o.c.	Magnum / Purlin	Single 1.5-in.	FTR-Value w/ Dens-Deck or DEXcell HD	215036-0-0
1-105	50ksi 16-ga	96 in.	96-in.	6-in. o.c.	Magnum / Purlin	Single 1.5-in.	FTR-Value w/ Dens-Deck or DEXcell HD	215038-0-0

Steel Deck (Min. 33 ksi)

All References are for [New Construction or Tear off](#)

Adhered Membrane over Mechanically Attached Insulation - All Insulation Layers Mechanically Attached

FiberTite, FiberTite-SM, FiberTite-XT

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Total All Layer(s)	Intermediate Layer(s) Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.
1-75	FiberTite FiberTite-XT	FTR-190e	Min. 1.5-in. FTR-Value	FTR-Fasteners, 1 per 3.2 ft ²	Max. 12-in. FTR-Value	n/a	n/a	n/a	87082-0-0
1-90	FiberTite FiberTite-XT	FTR-190e	Min. 1.5-in. FTR-Value	FTR-Fasteners, 1 per 2 ft ²	Max. 12-in. FTR-Value	n/a	n/a	n/a	1392-0-0
1-90	FiberTite FiberTite-XT	FTR-190e	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 4 ft ²	Max. 12-in. FTR-Value	n/a	n/a	n/a	1468-0-0
1-90	FiberTite FiberTite-XT	FTR-190e	Min. 1.5-in. FTR-Value	FTR-Fasteners, 1 per 3.2 ft ²	Max. 12-in. FTR-Value	n/a	n/a	n/a	88275-0-0
1-75	FiberTite-SM	FTR-190e	Min. 1.5-in. FTR-Value	FTR-Fasteners, 1 per 3.2 ft ²	Max. 12-in. FTR-Value	n/a	n/a	n/a	248146-0-0
1-90	FiberTite-SM	FTR-190e	Min. 1.5-in. FTR-Value	FTR-Fasteners, 1 per 2 ft ²	Max. 12-in. FTR-Value	n/a	n/a	n/a	248065-0-0
1-90	FiberTite-SM	FTR-190e	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 4 ft ²	Max. 12-in. FTR-Value	n/a	n/a	n/a	248067-0-0

Steel Deck (Min. 33 ksi)

All References are for [New Construction or Tear off](#)

Adhered "FB" Membrane over Mechanically Attached Insulation - All Insulation Layers Mechanically Attached
FiberTite-FB, FiberTite-SM FB, FiberTite-XT FB

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Total All Layer(s)	Intermediate Layer(s) Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.
1-90	FiberTite FB	Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 3.2 ft ²	Max. 12-in. <i>FTR-Value</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	119602-0-0
1-90	FiberTite FB	Hot Asphalt	Min. 2-in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 4 ft ²	Max. 12-in. <i>FTR-Value</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	119597-0-0
1-90	FiberTite FB	Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 2 ft ²	Max. 12-in. <i>FTR-Value</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	119593-0-0
1-75	FiberTite FB	FTR-290 FTR-390 FTR-490	Min. 1.5-in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 3.2 ft ²	Max. 12-in. <i>FTR-Value</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	122165-0-0
1-90	FiberTite FB	FTR-290 FTR-390	Min. 1.5-in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 2 ft ²	Max. 12-in. <i>FTR-Value</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	1397-0-0
1-90	FiberTite FB	FTR-290 FTR-390	Min. 2-in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 4 ft ²	Max. 12-in. <i>FTR-Value</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	1476-0-0
1-90	FiberTite FB	FTR-490	Min. 1.5-in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 2 ft ²	Max. 12-in. <i>FTR-Value</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	79930-0-0
1-90	FiberTite FB	FTR-490	Min. 1.5-in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 2 ft ²	Max. 12-in. <i>FTR-Value</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	79930-0-0

Steel Deck (Min. 33 ksi)

All References are for [New Construction or Tear off](#)

Adhered Membrane over Mechanically Attached Cover Board; FiberTite, FiberTite-SM, FiberTite-XT

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Total All Layer(s)	Intermediate Layer(s) Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.
1-60	FiberTite FiberTite-XT	FTR-190e	Min. 0.5-in. DensDeck	FTR-Fasteners, 1 per 3.2 ft ²	Max. 4-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	87069-0-0
1-60	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Dexcell FA	FTR-Fasteners, 1 per 2 ft ²	Max. 4-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	481742-0-0
1-90	FiberTite FiberTite-XT	FTR-190e	Min. 0.25-in. DensDeck	FTR-Fasteners, 1 per 2.7 ft ²	Max. 4-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	87079-0-0
1-90	FiberTite FiberTite-XT	FTR-190e	Min. 0.625-in. DensDeck	FTR-Fasteners, 1 per 4 ft ²	Max. 4-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	87078-0-0
1-90	FiberTite FiberTite-XT	FTR-190e	Min. 0.25-in. Securock	FTR-Fasteners, 1 per 3.2 ft ²	Max. 4-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	212281-0-0
1-90	FiberTite-SM	FTR-190e	Min. 0.25-in. DensDeck	FTR-Fasteners, 1 per 2.13 ft ²	Max. 4-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	248141-0-0
1-90	FiberTite-SM	FTR-190e	Min. 0.625-in. DensDeck	FTR-Fasteners, 1 per 4 ft ²	Max. 4-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	379655-0-0
1-90	FiberTite-SM	FTR-190e FTR-490	Min. 0.25-in. Securock	FTR-Fasteners, 1 per 3.2 ft ²	Max. 12-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	315029-0-0
1-90	FiberTite-SM	FTR-190e	Min. 0.50-in. Securock	FTR-Fasteners, 1 per 4 ft ²	Max. 12-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	315030-0-0
1-90	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock	FTR-Fasteners, 1 per 4 ft ²	Max. 12-in.	<i>n/a</i>	Min. 1.5-in.	<i>n/a</i>	481818-0-0

Steel Deck (Min. 33 ksi)

All References are for [New Construction or Tear off](#)

Adhered "FB" Membrane over Mechanically Attached Cover Board
FiberTite-FB, FiberTite-SM FB, FiberTite-XT FB

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Total All Layer(s)	Intermediate Layer(s) Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.	
1-60	FiberTite FB	FTR-290 FTR-390 FTR-490	Min. 0.50-in. DensDeck	FTR-Fasteners, 1 per 3.2 ft ²	Max. 4-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	122125-0-0	
1-90	FiberTite FB	FTR-290 FTR-390 FTR-490	Min. 0.25-in. DensDeck	FTR-Fasteners, 1 per 2.7 ft ²	Max. 4-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	122156-0-0	
1-90	FiberTite FB	FTR-290 FTR-390 FTR-490	Min. 0.625-in. DensDeck	FTR-Fasteners, 1 per 4.0 ft ²	Max. 4-in. <i>FTR-Value</i>	<i>n/a</i>	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	122153-0-0	
1-60	FiberTite FB	Hot Asphalt	Min. 0.50-in. DensDeck	FTR-Fasteners, 1 per 3.2 ft ²	<i>n/a</i>	<i>n/a</i>	Min. 1.5 to 4-in. <i>FTR-Value</i>	<i>n/a</i>	119514-0-0	
1-60	FiberTite FB	Hot Asphalt	Min. 0.25-in. DensDeck	FTR-Fasteners, 1 per 2 ft ²	<i>n/a</i>	<i>n/a</i>	Min. 1.5 to 4-in. <i>FTR-Value</i>	<i>n/a</i>	119518-0-0	
1-90	FiberTite FB	Hot Asphalt	Min. 0.25-in. DensDeck	FTR-Fasteners, 1 per 2.13 ft ²	<i>n/a</i>	<i>n/a</i>	Min. 1.5 to 4-in. <i>FTR-Value</i>	<i>n/a</i>	119534-0-0	
1-90	FiberTite FB	Hot Asphalt	Min. .625-in. DensDeck	FTR-Fasteners, 1 per 4 ft ²	<i>n/a</i>	<i>n/a</i>	Min. 1.5 to 4-in. <i>FTR-Value</i>	<i>n/a</i>	119548-0-0	
1-90	FiberTite FB	Hot Asphalt	Min. 0.25-in. DensDeck	FTR-Fasteners, 1 per 2.7 ft ²	<i>n/a</i>	<i>n/a</i>	Min. 1.5 to 4-in. <i>FTR-Value</i>	<i>n/a</i>	119550-0-0	
NEW	1-60	FiberTite FB	FTR-CR20 FTR-601 PG	Min. 0.50-in. DensDeck	FTR-Fasteners, 1 per 2.7 ft ²	<i>n/a</i>	<i>n/a</i>	Min. 1.5 to 4-in. <i>FTR-Value</i>	<i>n/a</i>	314408-0-0
NEW	1-90	FiberTite FB	FTR-CR20 FTR-601 PG	Min. 0.50-in. DensDeck	FTR-Fasteners, 1 per 2.13 ft ²	<i>n/a</i>	<i>n/a</i>	Min. 1.5 to 4-in. <i>FTR-Value</i>	<i>n/a</i>	314459-0-0
	1-90	FiberTite FB	FTR-CR20	Min. .50-in. Securock	FTR-Fasteners, 1 per 2.13 ft ²	<i>n/a</i>	<i>n/a</i>	Min. 1.5 to 4-in. <i>FTR-Value</i>	<i>n/a</i>	314315-0-0
NEW	1-165	FiberTite FB	FTR-CR20 FTR-601 PG	Min. 0.50-in. DensDeck	FTR-Fasteners, 1 per 1 ft ²	<i>n/a</i>	<i>n/a</i>	Min. 1.5 to 4-in. <i>FTR-Value</i>	<i>n/a</i>	314620-0-0
	1-165	FiberTite FB	FTR-CR20	Min. 0.50-in. Securock	FTR-Fasteners, 1 per 1 ft ²	<i>n/a</i>	<i>n/a</i>	Min. 1.5 to 4-in. <i>FTR-Value</i>	<i>n/a</i>	314683-0-0

Steel Deck (Min. 80 ksi)

All References are for [New Construction or Tear off](#)

Adhered "FB" Membrane over Mechanically Attached Cover Board; FiberTite-FB, FiberTite-SM FB, FiberTite-XT FB

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Total All Layer(s)	Intermediate Layer(s) Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.	
NEW	1-210	FiberTite-FB	FTR-CR20 FTR-601 PG	Min. 0.50-in. DensDeck Prime	FTR-Fasteners, 1 per 1 ft ²	<i>n/a</i>	<i>n/a</i>	<i>FTR-Value</i>	<i>n/a</i>	314677-0-0
	1-210	FiberTite-FB	FTR-CR20	Min. 0.50-in. Securock	FTR-Fasteners, 1 per 1 ft ²	<i>n/a</i>	<i>n/a</i>	<i>FTR-Value</i>	<i>n/a</i>	314686-0-0

Steel Deck (Min. 33 ksi)

All References are for [New Construction or Tear off](#)

Adhered Membrane over Mechanically Attached Base Layer; Additional Composite Layers Adhered
FiberTite, FiberTite-SM, FiberTite-XT

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Total All Layer(s)	Intermediate Layer(s) Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.
1-75	FiberTite FiberTite-XT	Alpha-Tite	Min. 0.25-in. Securock	FTR-601 PG 3/4" bead 12" o.c.	Max. 4-in.	n/a	Min. 2-in.	FTR-Fasteners, 1 per 4 ft ²	481793-0-0
1-75	FiberTite FiberTite-XT	Alpha-Tite	Min. 1.5-in. FTR-Value H	FTR-Fasteners, 1 per 3.2 ft ²	Max. 12-in. FTR-Value H	n/a	n/a	n/a	482653-0-0
1-90	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock	FTR-601 PG 3/4" bead 12" o.c.	Max. 12-in.	FTR-601 PG 3/4" bead 12" o.c.	Min. 2-in.	FTR-Fasteners, 1 per 2.67 ft ²	481801-0-0
1-90	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Dexcell FA	FTR-601 PG 3/4" bead 12" o.c.	Max. 4-in.	n/a	Min. 2-in.	FTR-Fasteners, 1 per 2.67 ft ²	481753-0-0
1-90	FiberTite FiberTite-XT	Alpha-Tite	Min. 1.5-in. FTR-Value H	FTR-Fasteners, 1 per 2 ft ²	Max. 12-in. FTR-Value H	n/a	n/a	n/a	482653-0-0
1-90	FiberTite-SM	Alpha-Tite	Min. 1.5-in. FTR-Value H	FTR-Fasteners, 1 per 2 ft ²	Max. 12-in. FTR-Value H	n/a	n/a	n/a	482371-0-0
1-90	FiberTite FiberTite-XT	FTR-190e	Min. 2-in. FTR-Value	Hot Asphalt FTR-601	n/a	n/a	Min. 2-in FTR-Value	FTR-Fasteners, 1 per 4 ft ²	245626-0-0
1-90	FiberTite FiberTite-XT	FTR-190e	Min. 0.25-in. DensDeck	Hot Asphalt FTR-601	Min. 2-in. FTR-Value	Hot Asphalt FTR -601	Min. 2-in FTR-Value	FTR-Fasteners, 1 per 4 ft ²	245622-0-0
1-90	FiberTite-SM	FTR-190e	Min. 0.25-in. DensDeck	Hot Asphalt FTR-601	Min. 2-in. FTR-Value	Hot Asphalt FTR-601	Min. 2-in FTR-Value	FTR-Fasteners, 1 per 4 ft ²	248408-0-0
1-90	FiberTite-SM	Alpha-Tite	Min. 1.5-in. FTR-Value H	FTR-Fasteners, 1 per 2 ft ²	Max. 12-in. FTR-Value H	n/a	n/a	n/a	482653-0-0

Steel Deck (Min. 80 ksi)

All References are for [New Construction or Tear off](#)

Adhered "FB" Membrane over Mechanically Attached Base Layer; Cover Board Adhered
FiberTite-FB, FiberTite-SM FB, FiberTite-XT FB

FMG Wind Uplift Approval	Membrane	Adhesive	Cover Board	Cover Board Securement	Total All Layer(s)	Intermediate Layer(s) Securement	Top Insulation Layer	Top Insulation Layer Securement	RoofNav No.
NEW 1-105	FiberTite FB	Hot Asphalt FTR-CR20 FTR-290 FTR-601	Min. 0.25-in. DensDeck Prime	FTR-601 6-in. row	12-in. Max.	n/a	Min. 2-in. FTR- Value	FTR-Fasteners, 1 per 2 ft ²	374854-0-0
1-105	FiberTite FB	Hot Asphalt FTR-CR20 FTR-290	Min. 0.25-in. Securock	FTR-601 6-in. row	12-in. Max.	n/a	Min. 2-in. FTR- Value	FTR-Fasteners, 1 per 2 ft ²	374855-0-0
NEW 1-135	FiberTite FB	Hot Asphalt FTR-CR20 FTR-290 FTR-601 PG	Min. 0.25-in. DensDeck Prime	FTR-601 6-in. row	12-in. Max.	n/a	Min. 2-in. FTR- Value	FTR-Fasteners, 1 per 1.33 ft ²	374844-0-0
1-135	FiberTite FB	Hot Asphalt FTR-CR20 FTR-290	Min. 0.25-in. Securock	FTR-601 6-in. row	12-in. Max.	n/a	Min. 2-in. FTR- Value	FTR-Fasteners, 1 per 1.33 ft ²	374849-0-0
NEW 1-180	FiberTite FB	Hot Asphalt FTR-CR20 FTR-290 FTR-601 PG	Min. 0.25-in. DensDeck Prime	FTR-601 6-in. row	12-in. Max.	n/a	Min. 2-in. FTR- Value	FTR-Fasteners, 1 per 1 ft ²	374851-0-0
1-180	FiberTite FB	Hot Asphalt FTR-CR20 FTR-290	Min. 0.25-in. Securock	FTR-601 6-in. row	12-in. Max.	n/a	Min. 2-in. FTR- Value	FTR-Fasteners, 1 per 1 ft ²	374853-0-0

Steel Deck (Min. 80 ksi)

All References are for [New Construction or Tear off](#)

Adhered Membrane over Mechanically Attached Base Layer; Cover Board Adhered
FiberTite, FiberTite-SM, FiberTite-XT, FiberTite-XTreme

FMG Wind Uplift Approval	Membrane	Adhesive	Cover Board	Cover Board Securement	Total All Layer(s)	Intermediate Layer(s) Securement	Top Insulation Layer	Top Insulation Layer Securement	RoofNav No.
I-105	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock	FTR-601 12-in. row	Max. 12-in. FTR-Value	n/a	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 2 ft ²	481825-0-0
I-135	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock	FTR-601 6-in. row	Max. 12-in. FTR-Value	n/a	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 1.33 ft ²	481823-0-0
I-180	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock	FTR-601 6-in. row	Max. 12-in. FTR-Value	n/a	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 1 ft ²	481824-0-0
1-105	FiberTite	FTR-190e	Min. 0.25-in. DensDeck Prime or Securock	FTR-601 12-in. row	12-in. Max.	n/a	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 2 ft ²	374838-0-0
1-135	FiberTite	FTR-190e	Min. 0.25-in. DensDeck Prime or Securock	FTR-601 6-in. row	12-in. Max.	n/a	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 1.33 ft ²	374826-0-0
1-180	FiberTite	FTR-190e	Min. 0.25-in. DensDeck Prime or Securock	FTR-601 6-in. row	12-in. Max.	n/a	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 1 ft ²	374837-0-0

Steel Deck (Min. 33 ksi)

All References are for [New Construction or Tear off](#)

Adhered "FB" Membrane over Mechanically Attached Base Layer; Additional Layers Adhered
FiberTite-FB, FiberTite-SM FB, FiberTite-XT FB

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Total All Layer(s)	Intermediate Layer(s) Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.	
1-90	FiberTite FB	Hot Asphalt	Min. 0.25-in. DensDeck Prime	FTR-601 or Hot Asphalt	n/a	n/a	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 4 ft ²	204154-0-0	
1-90	FiberTite FB	FTR-290 FTR-390 FTR-490	Min. 2-in. FTR-Value	Hot Asphalt FTR-601	n/a	n/a	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 4 ft ²	245632-0-0	
1-90	FiberTite FB	FTR-290 FTR-390 FTR-490	Min. 0.25-in DensDeck Prime	Hot Asphalt FTR-601	2 to 8-in. FTR- Value	Hot Asphalt FTR-601	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 4 ft ²	245628-0-0	
NEW	1-60	FiberTite FB	FTR-CR20 FTR-601 PG	Min. 1.5-in. FTR-Value	Hot Asphalt FTR-601	Max. 8-in FTR-Value	Hot Asphalt FTR-601	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 2 ft ²	314617-0-0
NEW	1-90	FiberTite FB	FTR-CR20 FTR-601 PG	Min. 0.5-in. DensDeck Prime	Hot Asphalt FTR-601	n/a	n/a	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 4 ft ²	314434-0-0
NEW	1-90	FiberTite FB	FTR-CR20 FTR-601 PG	Min. 0.25-in. DensDeck Prime	Hot Asphalt FTR-601	2 to 8-in. FTR-Value	Hot Asphalt FTR-601	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 4 ft ²	314449-0-0
	1-90	FiberTite FB	FTR-CR20	Min. 0.5-in. Securock	Hot Asphalt FTR-601	n/a	n/a	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 4 ft ²	314224-0-0
	1-90	FiberTite FB	FTR-CR20	Min. 0.5-in. Securock	Hot Asphalt FTR-601	2 to 8-in. FTR-Value	Hot Asphalt FTR-601	Min. 2-in. FTR-Value	FTR-Fasteners, 1 per 4 ft ²	314260-0-0
NEW	1-60	FiberTite FB	FTR-CR20 FTR-601 PG	Min. 0.25-in. DensDeck Prime	Hot Asphalt FTR-601	n/a	n/a	Min. 1.5 to 4-in FTR-Value	FTR-Fasteners, 1 per 2 ft ²	314604-0-0

Mechanically Attached FiberTite over Structural Concrete

All References are for [New Construction or Tear off](#)

Insulation Attachment: (6-per 4' x 8') Board; Membrane: FiberTite, FiberTite-SM, FiberTite-XT, FiberTite-XTreme
 Insulation/ Membrane Attachment: FTR Magnum Fasteners and Stress Plates; Attachment/ Fastener Patterns are "Maximum"

FMG Wind Uplift Approval	Structural Concrete	Row Spacing	Fastener Spacing	Fastener & Plate Combination	Membrane Lap Configuration	Insulation / Composite	RoofNav No.
1-90	*	120-in.	12-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value</i> w/ Coverboards	391509-0-0
1-90	*	120-in.	12-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value</i>	391514-0-0
1-90	*	95-in.	12-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	<i>FTR-Value</i> w/ Coverboards	402982-0-0
1-105	*	95-in.	6-in. o.c.	Magnum/ Magnum Plus	Single 1.5-in.	<i>FTR-Value</i> w/ Coverboards	402967-0-0
1-150	*	100 -in.	6-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value</i> w/ Coverboards	24710-0-0
1-225	*	47-in.	6-in. o.c.	Magnum/ Magnum Plus	Double 1.5-in.	<i>FTR-Value</i> w/ Coverboards	395111-0-0

Adhered Membrane over Mechanically Attached Insulation over Structural Concrete

All References are for [New Construction or Tear off](#)

Insulation Attachment: (6-per 4' x 8') Board
 Smooth-Back Membrane: FiberTite, FiberTite-SM, FiberTite-XT, FiberTite-XTreme
 "FB" Membrane: FiberTite-FB, FiberTite-SM FB, FiberTite-XT FB

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Total All Layer(s)	Bottom Layer Securement	Bottom Layer	RoofNav No.	
1-75	FiberTite-SM	Alpha-Tite	Min. 1.5-in. FTR-Value H	FTR-Fasteners, 1 per 3.2 ft²	Max. 12-in. FTR-Value H	n/a	n/a	482375-0-0	
1-75	FiberTite FiberTite XT	Alpha-Tite	Min. 1.5-in. FTR-Value H	FTR-Fasteners, 1 per 3.2 ft²	Max. 12-in. FTR-Value H	n/a	n/a	482659-0-0	
1-90	FiberTite-SM	Alpha-Tite	Min. 1.5-in. FTR-Value	FTR-Fasteners, 1 per 4 ft²	Max. 12-in. FTR-Value	n/a	n/a	482311-0-0	
1-90	FiberTite FiberTite XT	Alpha-Tite	Min. 1.5-in. FTR-Value	FTR-Fasteners, 1 per 4 ft²	Max. 12-in. FTR-Value	n/a	n/a	482583-0-0	
1-105	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock	FTR-601 6-in. row	Max. 12-in. FTR-Value	FTR-Fasteners, 1 per 2 ft²	Min. 2-in. FTR-Value	481828-0-0	
1-105	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601 12-in.	Max. 12- in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 2 ft²	Min. 2-in. <i>FTR-Value</i>	395301-0-0	
1-135	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock	FTR-601 6-in. row	Max. 12-in. FTR- Value	FTR-Fasteners, 1 per 1.33 ft²	Min. 2-in. FTR-Value	481826-0-0	
1-135	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601 6-in.	Max. 12- in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 1.33 ft²	Min. 2-in. <i>FTR-Value</i>	395277-0-0	
1-180	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock	FTR-601 6-in. row	Max. 12-in. FTR- Value	FTR-Fasteners, 1 per 1 ft²	Min. 2-in. FTR-Value	481827-0-0	
1-180	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601 6-in.	Max. 12- in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 1 ft²	Min. 2-in. <i>FTR-Value</i>	395300-0-0	
NEW	1-105	FiberTite-FB	Hot Asphalt FTR-290 FTR-CR20 FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601 12-in.	Max. 12- in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 2 ft²	Min. 2-in. <i>FTR-Value</i>	395312-0-0
NEW	1-135	FiberTite-FB	Hot Asphalt FTR-290 FTR-CR20 FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601 6-in.	Max. 12- in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 1.3 ft²	Min. 2-in. <i>FTR-Value</i>	395302-0-0
NEW	1-180	FiberTite-FB	Hot Asphalt FTR-290 FTR-CR20 FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601 6-in.	Max. 12- in. <i>FTR-Value</i>	FTR-Fasteners, 1 per 1 ft²	Min. 2-in. <i>FTR-Value</i>	395304-0-0

Concrete Deck

All References are for [New Construction or Tear off](#)

Adhered Membrane over Adhered Composite

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Intermediate Layer(s)	Intermediate Layer(s) Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.
1-165	FiberTite-FB	FTR-290 FTR-390 FTR-490	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601	122372-0-0
1-270	FiberTite-FB	FTR-290 FTR-390 FTR-490	Min. 0.25-in. DensDeck Prime	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 or Hot Asphalt	122276-0-0
1-165	FiberTite-FB	Hot Asphalt	Min. 1.5 - in FTR Value	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601	120405-0-0
1-270	FiberTite-FB	Hot Asphalt	Min. 0.25-in. DensDeck Prime	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601	120180-0-0
1-465	FiberTite-FB	Hot Asphalt	Min. 0.25-in. DensDeck	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601	120409-0-0
1-465	FiberTite-FB	FTR-290 FTR-390 FTR-490	Min. 0.25-in. DensDeck Prime	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601	122373-0-0
1-270	FiberTite-FB	FTR-290 FTR-390	Celcore LWIC	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	1-3 ply Asphalt	<i>n/a</i>	7127-0-50944
1-270	FiberTite-FB	FTR-290 FTR-390	Celcore LWIC	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	1-3 ply Asphalt	Hot Asphalt	7127-0-50945
1-810	FiberTite-FB	FTR-290	Celcore LWIC	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	1-3 ply Asphalt	<i>n/a</i>	7139-0-50911
1-810	FiberTite-FB	FTR-290	Celcore LWIC	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	1-3 ply Asphalt	Hot Asphalt	7139-0-50948

Smooth-back Membranes

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Intermediate Layer(s)	Intermediate Layer(s) Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.
1-165	FiberTite FiberTite-XT	FTR-190e	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601	90155-0-0
1-165	FiberTite-SM	Alpha-Tite	Min. 1.5-in. FTR-Value	FTR-601 6-in. row	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	482335-0-0
1-165	FiberTite FiberTite XT	Alpha-Tite	Min. 1.5-in. FTR-Value	FTR-601 6-in. row	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	482610-0-0
1-270	FiberTite FiberTite-XT	FTR-190e	Min. 0.25-in. DensDeck Prime	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601	90043-0-0
1-465	FiberTite FiberTite-XT	FTR-190e	Min. 0.25-in. DensDeck Prime	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601	90156-0-0
1-495	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock	FTR-601 PG 3/4" bead 12" o.c.	<i>n/a</i>	<i>n/a</i>	Min. 0.5-in.	FTR-601 PG 3/4" bead 12" o.c.	481789-0-0
1-495	FiberTite FiberTite-XT	FTR-190e	Min. 0.25-in. Securock	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in.	Min. 1.5-in. <i>FTR Value</i>	FTR-601	191630-0-0
1-465	FiberTite-SM	FTR-190e	Min. 0.25-in. DensDeck Prime	FTR-601 12-in.	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	248181-0-0

Concrete Deck - Uninsulated

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Intermediate Layer(s)	Intermediate Layer(s) Securement	Bottom Layer	Bottom Layer Securement	RoofNav No.
1-240	FiberTite-FB	Hot Asphalt	n/a	n/a	n/a	n/a	n/a	n/a	537-0-0
1-240	FiberTite-FB	FTR-290 FTR-390	n/a	n/a	n/a	n/a	n/a	n/a	513-0-0
1-885	FiberTite-FB	FTR-490	n/a	n/a	n/a	n/a	n/a	n/a	79815-0-0
1-990	FiberTite-FB	FTR-CR20	n/a	n/a	n/a	n/a	n/a	n/a	314982-0-0

Adhered FiberTite-FB (Fleece-Back) over/ to Existing

All References are for [Re-Cover Construction](#)

Steel

FMG Wind Uplift Approval	Membrane	Adhesive	Cover Board; Insulation	Securement	Insulation; minimum thickness	Substrate	RoofNav No.	
1-90	FiberTite FB	FTR-390	n/a	n/a	n/a	Existing Smooth BUR	79826-0-0	
1-90	FiberTite FB	Hot Asphalt	FTR-Value	Hot Asphalt	Min: 0.5-in. Max: 1-in.	Existing Smooth BUR	27746-0-0	
1-90	FiberTite FiberTite-XT	FTR-190e	FTR-Value	Hot Asphalt	Min: 0.5-in. Max: 1-in.	Existing Smooth BUR	27743-0-0	
1-90	FiberTite FB	FTR-390 FTR-290	FTR-Value	Hot Asphalt	Min: 0.5-in. Max: 1-in.	Existing Smooth BUR	27742-0-0	
1-90	FiberTite FB	Hot Asphalt	n/a	n/a	n/a	Existing Smooth BUR	22073-0-0	
1-90	FiberTite FB	FTR-CR20	n/a	n/a	n/a	Existing Smooth BUR	314980-0-0	
NEW	1-90	FiberTite FB	FTR-CR20 FTR-601 PG	n/a	n/a	Existing Modified	314981-0-0	
1-90	FiberTite FB	FTR-CR20	FTR-Value	Hot Asphalt or FTR-601	Max. 1-in.	Existing Smooth BUR	314942-0-0	
NEW	1-90	FiberTite FB	FTR-CR20 FTR-601 PG	FTR-Value	Hot Asphalt or FTR-601	Max. 1-in.	Existing Mod-Bit	314978-0-0
1-90	FiberTite FB	FTR-CR20	DensDeck Prime	Hot Asphalt or FTR-601	Min. 0.25-in.	Existing Smooth BUR	314929-0-0	
NEW	1-90	FiberTite FB	FTR-CR20 FTR-601 PG	DensDeck Prime	Hot Asphalt or FTR-601	Min. 0.25-in.	Existing Mod-Bit	314966-0-0
1-90	FiberTite FB	FTR-CR20	Securock	Hot Asphalt or FTR-601	Min. 0.25-in.	Existing Smooth BUR	314917-0-0	
NEW	1-90	FiberTite FB	FTR-CR20 FTR-601 PG	Securock	Hot Asphalt or FTR-601	Min. 0.25-in.	Existing Modified	314954-0-0
1-90	FiberTite FB	FTR-CR20	FTR-Value	1 per 2 ft. ²	Max. 1-in.	Existing	314934-0-0	
1-90	FiberTite FB	FTR-CR20	Securock	1 per 2 ft. ²	Min. 0.25-in.	Existing	314905-0-0	
1-90	FiberTite FB	FTR-CR20	DensDeck Prime	1 per 2 ft. ²	Min. 0.25-in.	Existing	314919-0-0	

Concrete (existing)

FMG Wind Uplift Approval	Membrane	Adhesive	Cover Board; Insulation	Securement	Insulation; minimum thickness	Substrate	RoofNav No.
1-90	FiberTite FB	FTR-390 FTR-490	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	Existing Smooth BUR	79824-0-0
1-90	FiberTite FB	FTR-390 FTR-490	<i>FTR-Value</i>	Hot Asphalt	Max. 1-in.	Existing Smooth BUR	27735-0-0
1-90	FiberTite FB	Hot Asphalt	<i>FTR-Value</i>	Hot Asphalt	Max. 1-in.	Existing Smooth BUR	539-0-0
1-90	FiberTite FB	FTR-390 FTR-490	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	Existing Smooth BUR	79824-0-0

Min 33 ksi Steel Deck

All References are for [New Construction or Tear off](#)

Adhered Membrane over Adhered Composite w/ Vapor Barrier
 over Mechanically Attached Thermal Barrier w/ 8 Fasteners per 4' x 8' Board
 Smooth-Back Membrane: FiberTite-SM, FiberTite-XT
 "FB" Membrane: FiberTite-SM FB, FiberTite-XT FB

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Intermediate Layer(s)	Insulation Securement	Vapor Barrier	Thermal Barrier	RoofNav No.
1-75	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock or Min. 0.25-in. Dexcell FA	FTR-601 PG 3/4" bead 12" o.c.	Min. 0.5-in.	FTR-601 PG 3/4" bead 12" o.c.	2-ply BUR	Min. 0.5-in. Securock or Min. 0.5-in. Dexcell	481740-0-0
1-90	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock or Min. 0.25-in. Dexcell FA	FTR-601 12-in. row, 3/4-in. Bead	Min. 0.5-in.	FTR-601 12-in. row, 3/4-in. Bead	VaporTite	Min. 0.5-in. Securock or Min. 0.5-in. Dexcell	481741-0-0
1-90	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock or Min. 0.25-in. Dexcell FA	FTR-601 12-in. row, 3/4-in. Bead	Min. 0.5-in.	FTR-601 12-in. row, 3/4-in. Bead	FTR TG 250 FTR TG SP	Min. 0.5-in. Securock or Min. 0.5-in. Dexcell	481784-0-0
1-90	Smooth- Back FiberTite	FTR-190e	Min. 0.25-in. Securock or Min. 0.25-in. Dexcell.	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR-Value</i>	FTR-601 12-in. o.c.	VaporTite	Min. 0.5-in. Securock or Min. 0.5-in. Dexcell	325949-0-0
1-90	FiberTite-FB	FTR-290 FTR-390 FTR-490	Min. 0.25-in. Securock or Min. 0.25-in. Dexcell	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR-Value</i>	FTR-601 12-in. o.c..	VaporTite	Min. 0.5-in. Securock or Min. 0.5-in. Dexcell	325938-0-0
1-90	FiberTite-FB	FTR-CR20 Spatter	Min. 0.25-in. Securock or Min. 0.25-in. Dexcell	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR-Value</i>	FTR-601 12-in. o.c.	VaporTite	Min. 0.5-in. Securock or Min. 0.5-in. Dexcell	325942-0-0

Min. 33 ksi Steel Deck

All References are for [New Construction or Tear off](#)

Adhered Membrane over MA Thermal Barrier w/ Vapor Barrier
 Smooth-Back Membrane: FiberTite-SM, FiberTite-XT, FiberTite-XTreme
 "FB" Membrane: FiberTite-SM FB, FiberTite-XT FB, FiberTite-XTreme FB

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Intermediate Layer(s)	Insulation Securement	Vapor Barrier	Attachment	Thermal Barrier	RoofNav No.	
1-90	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601, 12-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 12-in. o.c. Hot Asphalt	VaporTite	8 per 4' x 8'	Min. 0.5-in. Thermal Barrier	442679-0-0	
1-90	FiberTite-FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 12-in. o.c. Hot Asphalt	VaporTite	8 per 4' x 8'	Min. 0.5-in. Thermal Barrier	442681-0-0	
1-105	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601, 12-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 12-in. o.c. Hot Asphalt	VaporTite	16 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422949-0-0	
1-150	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	24 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422948-0-0	
1-165	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422947-0-0	
1-105	FiberTite-FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601, 12-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 12-in. o.c. Hot Asphalt	VaporTite	16 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422956-0-0	
1-150	FiberTite-FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	24 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422955-0-0	
1-165	FiberTite-FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422951-0-0	
NEW	1-105	FiberTite-FB	FTR-CR20 Spatter FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601, 12-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 12-in. o.c. Hot Asphalt	VaporTite	16 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422959-0-0
NEW	1-150	FiberTite-FB	FTR-CR20 Spatter FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	24 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422957-0-0
NEW	1-165	FiberTite-FB	FTR-CR20 Spatter FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422952-0-0

Min. 33 ksi Steel Deck [All References are for New Construction or Tear off](#)

Adhered Membrane over MA Thermal Barrier w/ Vapor Barrier; * = FTR190 TG Base, FiberTite-SBS TG Base

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Intermediate Layer(s)	Insulation Securement	Vapor Barrier	Attachment	Thermal Barrier	RoofNav No.
1-105	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601, 12-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 12-in. o.c. Hot Asphalt	*	16 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422984-0-0
1-150	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	*	24 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422982-0-0
1-165	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	*	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422978-0-0
1-105	FiberTite-FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601, 12-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 12-in. o.c. Hot Asphalt	*	16 per 4' x 8'	Min. 0.5-in. Thermal Barrier	423241-0-0
1-150	FiberTite-FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	*	24 per 4' x 8'	Min. 0.5-in. Thermal Barrier	423237-0-0
1-165	FiberTite-FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	*	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	423236-0-0
NEW 1-105	FiberTite-FB	FTR-CR20 Spatter FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601, 12-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 12-in. o.c. Hot Asphalt	*	16 per 4' x 8'	Min. 0.5-in. Thermal Barrier	423251-0-0
NEW 1-150	FiberTite-FB	FTR-CR20 Spatter FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	*	24 per 4' x 8'	Min. 0.5-in. Thermal Barrier	423250-0-0
NEW 1-165	FiberTite-FB	FTR-CR20 Spatter FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	*	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	423249-0-0

Min. 80 ksi Steel Deck [All References are for New Construction or Tear off](#)

Adhered Membrane over MA Thermal Barrier w/ Vapor Barrier

Smooth-Back Membrane: FiberTite-SM, FiberTite-XT, FiberTite-XTreme; "FB" Membrane: FiberTite-SM FB, FiberTite-XT FB, FiberTite-XTreme FB

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Intermediate Layer(s)	Insulation Securement	Vapor Barrier	Attachment	Thermal Barrier	RoofNav No.
1-180	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock or Dexcell FA	FTR-601 6-in. row	Min. 1.5-in. <i>FTR-Value</i>	FTR-601 6-in. row	VaporTite	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	481762-0-0
1-180	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock or Dexcell FA	FTR-601 6-in. row	Min. 1.5-in. <i>FTR-Value</i>	FTR-601 6-in. row	FTR TG 250 FTR TG SP	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	481767-0-0
1-210	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock or Dexcell FA	FTR-601 6-in. row	Min. 1.5-in. <i>FTR-Value</i>	FTR-601 6-in. row	VaporTite	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	481761-0-0
1-180	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422944-0-0
1-180	FiberTite-FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422945-0-0
1-180	FiberTite-FB	FTR-CR20 Spatter FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422946-0-0
1-210	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422918-0-0
1-210	FiberTite-FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422942-0-0
1-210	FiberTite-FB	FTR-CR20 Spatter FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601, 6-in. o.c. Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	FTR-601, 6-in. o.c. Hot Asphalt	VaporTite	32 per 4' x 8'	Min. 0.5-in. Thermal Barrier	422943-0-0

Concrete Deck [All References are for New Construction or Tear off](#)

Adhered Membrane over Adhered Composite w/ Vapor Barrier

Smooth-Back Membrane: FiberTite, FiberTite-SM, FiberTite-XT; "FB" Membrane: FiberTite-FB, FiberTite-SM FB, FiberTite-XT FB

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Intermediate Layer(s)	Insulation Securement	Vapor Barrier	Vapor Barrier Securement	RoofNav No.
1-150	FiberTite FiberTite-SM FiberTite-XT	FTR-190e	Min. 0.25-in. Cover Board	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	1-Ply BUR	FTR SBS Adhesive	442981-0-0
1-165	FiberTite-SM	Alpha-Tite	Min. 1.5-in. FTR-Value	FTR-601 12-in. row	n/a	n/a	1-Ply BUR	Hot Asphalt	482382-0-0
1-165	FiberTite FiberTite XT	Alpha-Tite	Min. 1.5-in. FTR-Value	FTR-601 12-in. row	n/a	n/a	1-Ply BUR	Hot Asphalt	482666-0-0
1-165	FiberTite FiberTite-XT	FTR-190e	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	1-Ply BUR	Hot Asphalt	90145-0-0
1-165	FiberTite-SM	FTR-190e	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	1-Ply BUR	Hot Asphalt	248174-0-0
1-165	FiberTite-FB	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	1-Ply BUR	Hot Asphalt	120249-0-0
1-165	FiberTite-FB	FTR-290 FTR-390 FTR-490	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	1-Ply BUR	Hot Asphalt	122312-0-0
1-240	FiberTite-FB	FTR-CR20 FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	1-Ply BUR	Millennium Hurricane	442980-0-0
1-420	FiberTite FiberTite-XT	FTR-190e	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	1 or 2-Ply BUR	Hot Asphalt	21828-0-0
1-420	FiberTite-SM	FTR-190e	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	1 or 2-Ply BUR	Hot Asphalt	248075-0-0
1-210	FiberTite-FB	FTR-290	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	1 or 2-Ply BUR	Hot Asphalt	21886-0-0
1-135	FiberTite-FB	FTR-390	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	1 or 2-Ply BUR	Hot Asphalt	21869-0-0
1-135	FiberTite-FB	FTR-490	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	1 or 2-Ply BUR	Hot Asphalt	79833-0-0

Smooth-Back Membrane: FiberTite-SM, FiberTite-XT, FiberTite-XTreme; "FB" Membrane: FiberTite-SM FB, FiberTite-XT FB, FiberTite-XTreme FB

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Intermediate Layer(s)	Insulation Securement	Vapor Barrier	Vapor Barrier Securement	RoofNav No.
1-315	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock or Dexcell FA	FTR-601 12-in. row	Min. 1.5-in. FTR-Value	FTR-601 12-in. row, 3/4-in. Bead	VaporTite	Self-Adhered w/ FTR SA Primer	481820-0-0
1-420	FiberTite FiberTite XT	Alpha-Tite	Min. 0.25-in. Securock or Dexcell FA	FTR-601 12-in. row	Min. 1.5-in. FTR-Value	FTR-601 12-in. row	VaporTite	Self-Adhered w/ FTR SA Primer	481760-0-0
1-420	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	FTR SBS FTR SBS 190	Hot Asphalt	423256-0-0
1-420	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	VaporTite	Self-Adhered w/ FTR SA Primer	419164-0-0
1-420	Smooth-Back FiberTite	FTR-190e	Min. 0.25-in. Cover Board	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	FTR SBS 190 TG	Torch	423257-0-0
1-420	FiberTite-FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	FTR SBS FTR SBS 190	Hot Asphalt	423260-0-0
NEW 1-420	FiberTite-FB	FTR-CR20 Spatter FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	FTR SBS FTR SBS 190	Hot Asphalt	423263-0-0
1-420	FiberTite FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	VaporTite	Self-Adhered w/ FTR SA Primer	423259-0-0
NEW 1-420	FiberTite FB	FTR-CR20 Spatter FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	VaporTite	Self-Adhered w/ FTR SA Primer	423262-0-0
1-420	FiberTite FB	Hot Asphalt FTR-290 FTR-490	Min. 0.25-in. Cover Board	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	FTR SBS 190 TG	Torch	423261-0-0
NEW 1-420	FiberTite FB	FTR-CR20 Spatter FTR-601 PG	Min. 0.25-in. Cover Board	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR Value</i>	FTR-601 12-in. o.c.	FTR SBS 190 TG	Torch	423264-0-0

Gypsum

All References are for [Re-Cover Construction](#)

"FB" Membrane: FiberTite-FB, FiberTite-SM FB, FiberTite-XT FB

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Intermediate Layer(s)	Insulation Securement	Vapor Barrier	Attachment	Thermal Barrier	RoofNav No.
1-90	FiberTite FiberTite-XT	FTR-190e	Min. 0.25-in. DensDeck Prime	FTR-601 12-in. o.c.	Min. 1.5-in./ Max. 8-in. <i>FTR-Value</i>	FTR-601 12-in. o.c.	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	88291-0-0
1-90	FiberTite FiberTite-XT	FTR-190e	Min. 1.5-in. <i>FTR-Value</i>	FTR-601 12-in. o.c..	Min. 1.5-in./ Max. 4-in. <i>FTR-Value</i>	FTR-601 12-in. o.c.	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	88292-0-0
1-90	FiberTite-FB	FTR-290 FTR-390 FTR-490	Min. 0.25-in. DensDeck Prime	FTR-601 12-in. o.c.	Min. 1.5-in./ Max. 8-in. <i>FTR-Value</i>	FTR-601 12-in. o.c.	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	122254-0-0
1-90	FiberTite-FB	Hot Asphalt	Min. 0.25-in. DensDeck Prime	FTR-601 12-in. o.c.	Min. 1.5-in. <i>FTR-Value</i>	FTR-601 12-in. o.c.	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	120088-0-0
1-90	FiberTite-FB	FTR-290 FTR-390 FTR-490	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	<i>n/a</i>	Polymer Gyptec	<i>n/a</i>	1 per 2 ft ²	<i>n/a</i>	122174-0-0
1-90	FiberTite-FB	FTR-290 FTR-390 FTR-490	Min. 2-in. <i>FTR-Value</i>	<i>n/a</i>	<i>n/a</i>	Polymer Gyptec	<i>n/a</i>	1 per 4 ft ²	<i>n/a</i>	122172-0-0

Cementitious Wood Fiber (Tectum)

All References are for [Re-Cover Construction](#)

FMG Wind Uplift Approval	Membrane	Adhesive	Top Layer	Top Layer Securement	Intermediate Layer(s)	Insulation Securement	Vapor Barrier	Attachment	Thermal Barrier	RoofNav No.
1-90	FiberTite FiberTite-XT	FTR-190e	Min. 0.25-in. DensDeck Prime	<i>n/a</i>	<i>n/a</i>	Twin Loc	<i>n/a</i>	1 per 1.33 ft ²	<i>n/a</i>	86446-0-0
1-90	FiberTite-FB	Hot Asphalt	Min. 0.25-in. DensDeck Prime	<i>n/a</i>	<i>/a</i>	Twin Loc	<i>n/a</i>	1 per 1.33 ft ²	<i>n/a</i>	119488-0-0
1-90	FiberTite-FB	FTR-290 FTR-390 FTR-490	Min. 0.25-in. DensDeck Prime	<i>n/a</i>	<i>n/a</i>	Twin Loc	<i>n/a</i>	1 per 1.33 ft ²	<i>n/a</i>	122105-0-0

Steel Deck - Hybrid Assemblies

All References are for [New Construction or Tear off](#)

Adhered Membrane over Mechanically Attached Composite

SBS 190 Base (SBS 190); SBS Base (SBS); SBS Base TG (SBS TG); SBS 190 Base TG (SBS 190 TG)

"FB" Membrane: FiberTite-FB, FiberTite-SM FB, FiberTite-Xt FB

FMG Wind Uplift Approval	Membrane	Adhesive	Plies	Securement	Top Layer	Top Layer Securement	Intermediate Layer(s)	Insulation Securement	RoofNav No.
1-90	FiberTite-FB	FTR-390 Hot Asphalt	2 ply Glass	Hot Asphalt	Min. 0.25-in. DensDeck Prime or 0.25-in. Securock	FTR-601 Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	1 per 2 ft ²	356207-342113-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 or SBS	Hot Asphalt	Min. 0.25-in. DensDeck Prime or 0.25-in. Securock	FTR-601 Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	1 per 2 ft ²	356207-345521-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS 190	Hot Asphalt	Min. 0.25-in. DensDeck Prime or 0.25-in. Securock	FTR-601 Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	1 per 2 ft ²	356207-345611-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 TG or SBS TG	Torch	Min. 0.25-in. DensDeck Prime or 0.25-in. Securock	FTR-601 Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	1 per 2 ft ²	356319-345615-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS 190 TG or SBS TG	Torch	Min. 0.25-in. DensDeck Prime or 0.25-in. Securock	FTR-601 Hot Asphalt	Min. 1.5-in. <i>FTR-Value</i>	1 per 2 ft ²	356319-345622-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	2 ply Glass	Hot Asphalt	Min. 0.25-in. DensDeck Prime or 0.25-in. Securock	FTR-601 Hot Asphalt	Min. 2-in. <i>FTR-Value</i>	1 per 4 ft ²	356320-342113-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 or SBS	Hot Asphalt	Min. 0.25-in. DensDeck Prime or 0.25-in. Securock	FTR-601 Hot Asphalt	Min. 2-in. <i>FTR-Value</i>	1 per 4 ft ²	356320-345521-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS 190	Hot Asphalt	Min. 0.25-in. DensDeck Prime or 0.25-in. Securock	FTR-601 Hot Asphalt	Min. 2-in. <i>FTR-Value</i>	1 per 4 ft ²	356320-345547-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 TG or SBS TG	Torch	Min. 0.25-in. DensDeck Prime or 0.25-in. Securock	FTR-601 Hot Asphalt	Min. 2-in. <i>FTR-Value</i>	1 per 4 ft ²	356325-345615-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	2 ply Glass	Hot Asphalt	Min. 0.25-in. DensDeck Prime	1 per 2 ft ²	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	356326-342113-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 or SBS	Hot Asphalt	Min. 0.25-in. DensDeck Prime	1 per 2 ft ²	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	356326-345521-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS 190 or SBS	Hot Asphalt	Min. 0.25-in. DensDeck Prime	1 per 2 ft ²	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	356326-345547-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 TG or SBS TG	Torch	Min. 0.25-in. DensDeck Prime	1 per 2 ft ²	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	356342-345615-0
1-90	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS 190 TG or SBS TG	Torch	Min. 0.25-in. DensDeck Prime	1 per 2 ft ²	Min. 1.5-in. <i>FTR-Value</i>	<i>n/a</i>	356342-345622-0

Concrete Deck - Hybrid Assemblies

All References are for [New Construction or Tear off](#)

Adhered Membrane over Adhered Composite w/ & w/o Vapor Barrier

SBS 190 Base (SBS 190); SBS Base (SBS); SBS Base TG (SBS TG); SBS 190 Base TG (SBS 190 TG)

"FB" Membrane: FiberTite-FB, FiberTite-SM FB, FiberTite-Xt FB

FMG Wind Uplift Approval	Membrane	Adhesive	Plies	Securement	Top Layer	Top Layer Securement	Intermediate Layer(s)	Insulation Securement	Vapor Barrier	Vapor Barrier Securement	RoofNav No.	
NEW	1-90	FiberTite-FB	Hot asphalt FTR-390	1 Ply SBS 190	Hot Asphalt	Min. 0.25-in. DensDeck Prime, Securock, or Dexcell	FTR SBS Adhesive	Min. 1.5-in. FTR Value	FTR-601	VaporTite	n/a	445604-445605-0
	1-135	FiberTite-FB	FTR-CR20 Hot Asphalt	1 Ply SBS 190 or SBS	FTR SBS Adhesive	Min. 0.25-in. DensDeck Prime, Securock, or Dexcell	FTR-601	Min. 1.5-in. FTR Value	FTR-601	VaporTite	n/a	442977-442978-0
NEW	1-135	FiberTite-FB	FTR-CR20 Hot Asphalt	FTR-CR20 Hot Asphalt	FTR SBS Adhesive	Min. 0.25-in. DensDeck Prime, Securock, or Dexcell	FTR-601	Min. 1.5-in. FTR Value	FTR-601	1 Ply SBS 190 or SBS	FTR SBS Adhesive	442982-442978-0
	1-375	FiberTite-FB	FTR-390 Hot Asphalt	2 ply Glass Felt	Hot Asphalt	Min. 0.25-in. DensDeck Prime, Securock, or Dexcell	Hot Asphalt	Min. 1.5-in. FTR Value	Hot Asphalt	n/a	n/a	343452-342113-0
	1-375	FiberTite-FB	FTR-390 Hot Asphalt	2 ply Glass Felt	Hot Asphalt	Min. 0.25-in. DensDeck Prime, or 0.25-in.Securock	FTR-601 Hot Asphalt	Min. 1.5-in. FTR Value	FTR-601 Hot Asphalt	n/a	n/a	343437-342113-0
	1-375	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 or SBS	Hot Asphalt	Min. 0.25-in. DensDeck Prime, or 0.25-in.Securock	FTR-601 Hot Asphalt	Min. 1.5-in. FTR Value	FTR-601 Hot Asphalt	1 ply SBS 190 or SBS	Hot Asphalt	345879-345521-0
	1-405	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS 190 TG	Torch	Min. 0.25-in. DensDeck Prime, or 0.25-in.Securock	FTR-601 Hot Asphalt	Min. 1.5-in. FTR Value	FTR-601 Hot Asphalt	2 plies SBS 190 or SBS	Hot Asphalt	345882-345631-0
	1-405	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 TG	Torch	Min. 0.25-in. DensDeck Prime, or 0.25-in.Securock	FTR-601 Hot Asphalt	Min. 1.5-in. FTR Value	FTR-601 Hot Asphalt	2 plies SBS 190 or SBS	Hot Asphalt	345882-345615-0
	1-405	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS 190	Hot Asphalt	Min. 0.25-in. DensDeck Prime, or 0.25-in.Securock	FTR-601 Hot Asphalt	Min. 1.5-in. FTR Value	FTR-601 Hot Asphalt	2 plies SBS 190 TG or SBS Base	Hot Asphalt	345880-345611-0
	1-405	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 or SBS	Hot Asphalt	Min. 0.25-in. DensDeck Prime, or 0.25-in.Securock	FTR-601 Hot Asphalt	Min. 1.5-in. FTR Value	FTR-601 Hot Asphalt	2 plies SBS 190 or SBS	Hot Asphalt	345880-345521-0
	-405	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS TG	Torch	Min. 0.25-in. DensDeck Prime, or 0.25-in.Securock	FTR-601 Hot Asphalt	Min. 1.5-in. FTR Value	FTR-601 Hot Asphalt	2 plies SBS 190 TG or SBS TG	Torch	345878-345622-0
	1-405	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 TG or SBS TG	Torch	Min. 0.25-in. DensDeck Prime, or 0.25-in.Securock	FTR-601 Hot Asphalt	Min. 1.5-in. FTR Value	FTR-601 Hot Asphalt	2 plies SBS 190 TG or SBS TG	Torch	345878-345615-0
	1-405	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS 190	Hot Asphalt	Min. 0.25-in. DensDeck Prime, or 0.25-in.Securock	FTR-601 Hot Asphalt	Min. 1.5-in. FTR Value	FTR-601 Hot Asphalt	2 plies SBS 190 TG or SBS TG	Torch	345876-345611-0
	1-405	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 or SBS	Hot Asphalt	Min. 0.25-in. DensDeck Prime, or 0.25-in.Securock	FTR-601 Hot Asphalt	Min. 1.5-in. FTR Value	FTR-601 Hot Asphalt	2 plies SBS 190 TG or SBS TG	Torch	345876-345521-0

Concrete Deck - Hybrid Assemblies

All References are for [New Construction or Tear off](#)

Adhered Membrane over Adhered Composite w/ & w/o Vapor Barrier

SBS 190 Base (SBS 190); SBS Base (SBS); SBS Base TG (SBS TG); SBS 190 Base TG (SBS 190 TG)

"FB" Membrane: FiberTite-FB, FiberTite-SM FB, FiberTite-XT FB

FMG Wind Uplift Approval	Membrane	Adhesive	Plies	Securement	Top Layer	Top Layer Securement	Intermediate Layer(s)	Insulation Securement	Vapor Barrier	Vapor Barrier Securement	RoofNav No.
1-405	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS 190	Hot Asphalt	Min. 0.25-in. DensDeck Prime	FTR-601 Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	FTR-601 Hot Asphalt	1 ply SBS 190 TG or SBS TG	Torch	343451-345611-0
1-405	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS	Hot Asphalt	Min. 0.25-in. DensDeck Prime	FTR-601 Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	FTR-601 Hot Asphalt	1 ply SBS 190 TG or SBS TG	Torch	343451-345611-0
1-405	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 TG or SBS TG	Torch	Min. 0.25-in. DensDeck Prime, or 0.25-in. Securock	FTR-601 Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	FTR-601 Hot Asphalt	1 ply SBS 190 TG or SBS TG	Torch	345877-345615-0
1-465	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS 190 TG	Torch	Min. 0.25-in. DensDeck Prime, or 0.25-in. Securock	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	<i>n/a</i>	<i>n/a</i>	345883-345631-0
1-465	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 TG or SBS TG	Torch	Min. 0.25-in. DensDeck Prime, or 0.25-in. Securock	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	<i>n/a</i>	<i>n/a</i>	345883-345615-0
1-465	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 or SBS	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	FTR-601	Min. 1.5-in. <i>FTR Value</i>	FTR-601	2 plies SBS 190 TG or SBS TG	Torch	345875-345611-0
1-465	FiberTite-FB	FTR-390 Hot Asphalt	2 ply Glass Felt	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	FTR-601	Min. 1.5-in. <i>FTR Value</i>	FTR-601	2 plies SBS 190 TG or SBS TG	Torch	345875-342113-0
1-465	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS 190	Hot Asphalt	Min. 0.25-in. DensDeck Prime, or 0.25-in. Securock	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	<i>n/a</i>	<i>n/a</i>	343469-345611-0
1-465	FiberTite-FB	FTR-390 Hot Asphalt	2 ply SBS	Hot Asphalt	Min. 0.25-in. DensDeck Prime, or 0.25-in. Securock	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	<i>n/a</i>	<i>n/a</i>	343469-345547-0
1-465	FiberTite-FB	FTR-390 Hot Asphalt	1 ply SBS 190 or SBS	Hot Asphalt	Min. 0.25-in. DensDeck Prime, or 0.25-in. Securock	Hot Asphalt	Min. 1.5-in. <i>FTR Value</i>	Hot Asphalt	<i>n/a</i>	<i>n/a</i>	343469-345521-0

RoofNav v3.0 Quick Start Guide

Product Search

- From the toolbar near the top of the page, select **PRODUCT SEARCH** → **SEARCH FOR PRODUCTS**. You can search by company, product trade name, and product information.
 - Company:** Click in the Company box to show a list of all companies. Type a full or partial company name in the Company field and click Search (see “Search Help Tips” section for more information). To show all companies again, click Reset. To select a company, click “Select” next to the company name.
 - Trade Name:** Click in the Trade Name box and enter the name of the product. You can enter partial trade names – see the “Search Help Tips” section for additional information.
 - Product Information:** Select Category, Subcategory, and Approved Use to display a. This will bring up additional fields to narrow down the search. You do not have to enter any additional information.
- Click on **Search** and you will see a list of all products that meet your requirements.

Product System Search


A product system is a combination of two or more products that are Approved for use together, i.e. a stress plate and fastener, batten bar & fastener, roof cover seam primer and seam tape, coating system, etc.

- Select **PRODUCT SEARCH** → **SEARCH FOR PRODUCT SYSTEMS**. You can search by system name, Approved Use, and product trade names and companies.
 - System Name:** Click in the System Name box and enter the name of the system if it is known. System names are assigned when data is entered, similar to assembly numbers for assemblies.
 - Company:** Click in the Company box to show a list of all companies. Type a full or partial company name in the Company field and click Search (see “Search Help Tips” section for more information). To show all companies again, click Reset. To select a company, click “Select” next to the company name.
 - Trade Name:** Click in the Trade Name box and enter the name of the product. You can enter partial trade names – see the “Search Help Tips” section for additional information.
- Click on **Search** and you will see a list of all systems that meet your requirements.

The screenshot shows a search form with the following elements:
- Search Criteria section with System Name (text input) and Approved Use (dropdown menu).
- Product 1 section with Company (text input with 'Reset' button) and Trade Name (text input).
- Product 2 section with Company (text input with 'Reset' button) and Trade Name (text input).
- Search and Reset buttons at the bottom.


Projects and Roof Areas

Projects can have one or more roof areas. A roof area is associated with the project from which it is added. You must have at least one roof area in order to save a scenario. All projects will be listed on the home page.

- Click **MY PROJECTS**. On the left side of the page, click  to add a new project. Enter project information and click Save. The project is added to the tree on the left side of the page.
- Select the project and click on **Add Roof Area**.
- Add roof area information and click **Save**. The roof area is added to the project tree.
- Select the roof area and click **Get Ratings** to open the Ratings Calculator, where you can specify and save ratings to the roof area.

Manage Contacts

Contacts are entered on the **MY PROJECTS** page. The contacts can then be added to the roof areas that are also listed on the **MY PROJECTS** page. Once a contact has been added to the roof area for a scenario, it will appear in the contractor package.

- Click **MY PROJECTS**. On the left side of the page, click  to manage your contacts.
- To add a new contact, enter the contact information to the right-hand side of the page. Once all information is entered, click Save. The contact is added on the left side of the page.
- To edit a contact, select “Edit” in the column to the left of the contact that you would like to edit.
- To delete a contact, select “Edit” and then click “Delete” at the bottom of the contact information.

Scenarios

A Scenario is an assembly where specific products have been selected for each mandatory layer. You can create multiple scenarios for a single assembly. You can open a scenario from the tree on “My Projects” page.

Add a Scenario

- From the **Assembly Detail** page, click the **Add Scenario** button.
- Type the name of your scenario in the **Name** field.
- Select a **Project** and **Roof Area** to associate the scenario with. (The Contractor Package report displays information from the roof area).
- Click the open circle buttons to choose a product for each layer, then click **Save**. To have a complete scenario, you must choose a product for each mandatory layer, even if there is only one product listed.

Search Help Tips

- You may use a “%” to wild card searches for Company or Trade Name. If you’re not sure of the beginning of the name, but you know some part of the name, type a percent sign (%) before those characters in the text box. The search will return all of the products/assemblies whose Company or Trade Name contains the group of characters you have entered. Multiple percent signs may be used to specify more than one group of characters.

Examples: %manv% for Johns Manville; en%3 for Enrgy 3.

- Narrow your search by:
 - Using “Equal” for Slope and Wind Uplift
 - Entering additional information on the Classification search tab
 - Entering Cover and/or Deck specifics. Note: Do not enter specifics for steel decks.
 - Inserting additional layers on the Specifications tab
- Expand your search by:
 - Using “Equal or Less” or “Equal or Greater” for Slope and Wind Uplift
 - Specifying less information on the Classifications and Configuration tabs
- For Internal Fire Rating, select NC (non-combustible) on all concrete form decks and steel form decks without embedded insulation. Select Class 1 on all concrete form decks and steel form decks with embedded insulation. Applies to lightweight concrete only.

Create a Contractor Package

A Contractor package can be created with all of the details for a specific roof area and saved scenario.

1. Open a scenario. Click on Contractor Package button.
2. An Adobe Acrobat (.PDF) document will open. This document will contain all of the information that has been entered for the roof area (contacts, ratings, etc.), and information pertaining to the selected scenario.

Navigation/On-Line Help Tips

- ❖ Use the **GLOSSARY** to look up definitions of things you may not be familiar with.

Assembly Search

From the toolbar near the top of page, click **ASSEMBLY SEARCH**.

CLASSIFICATIONS

Note: None of the information on this tab is required.

Classifications Specifications

Assembly Characteristics

Roof System: (select) [v]

Application: (select) [v]

Cover Securement: (select) [v]

Deck Type: (select) [v]

Slope: (select) [v] Equal [v]

Assembly Ratings

Wind Uplift: (select) [v] Equal [v]

Internal Fire: (select) [v]

Exterior Fire: (select) [v]

Hail: (select) [v]

Search Reset

Select the assembly characteristics (roof cover type, deck type, cover securement, etc.) and assembly ratings (fire, wind, and hail).



Multi-Ply Systems

- ❖ When selecting the **Number of Plies** in a multi-ply roof cover, a **base sheet** is only considered to be the **base ply** layer of the roof cover assembly, and therefore included in the Number of Plies, if it is **fully adhered** and not perforated. If it is **mechanically Attached**, partially adhered, or perforated, it is not considered part of the roof cover, and therefore not included in the Number of Plies. The Number of Plies chosen will determine the choices available for Configuration.
- ❖ The **Configuration** indicates the number of each type of ply in the roof cover. Multi-ply roof cover configuration rules: **B#-P#-C#** where **B#** is the number of base plies (never more than 1), **P#** is the number of ply sheets and **C#** is the number of cap sheets (never more than 1).
- ❖ When a multi-ply assembly contains a nailed (or partially adhered) base sheet, in RoofNav it is not considered part of the "roof cover configuration". In other words, a 4-ply multi-ply roof cover assembly that consists of a mopped cap, 2 mopped plies, and a nailed base sheet would be a B0 - P2 - C1 in RoofNav.
- ❖ All nailed or partially adhered (spots, etc.) base sheets are contained in the assembly. See the glossary for the definition of base sheet.

SPECIFICATIONS

Note: None of the information on this tab is required.

1. Enter information as need to narrow the search.
2. **Add a Product Layer:** Select layer from list on the left-hand side. Once it is selected, click **Add Selected Layer**. This will add the layer to the right-hand side of the page. Continue to do this until all layers have been added. Be careful that the information entered on this tab is consistent with information added on the Classifications tab.
3. The layers must be added in the order that they are installed, so the layer that is installed first (for example, deck or structure) should be at the bottom while the final layer (for example, coating or roof cover) would be at the top. To rearrange the layers, click on the green arrow and drag each layer to the appropriate location.
4. **Add a Securement Layer:** Select "Securement" under "Securements" from list on the left-hand side. Again, click **Add Selected Layer**. It will be added to the right-hand side of the page. Add securement layers for all of the securements in your assembly (fasteners, adhesives, welds, etc.).
5. **Map Securement:** Select the securement layer on the right-hand

side by clicking on . In the two drop down menus under the product layers, select the two layers that are to be secured and click **Map Securement**. The  will disappear and there will be a note on the securement layer identifying the product layers it is securing.

Classifications Specifications Search Results

Add Selected Layer [v]

Cover [v]

Insulation [v]

Sheets [v]

Sealing [v]

Surface Treatments [v]

Securements [v]

Securement [v]

Pre-Securement [v]

Self-Securement [v]

Microbubbles [v]

1 Cover (Single ply)

2 Securement (Cover) (1 -> 2)

3 Insulation (Board Stock)


4 Securement (Board Stock) (3 -> 4)

5 Thermal Barrier

6 Securement (Board Stock) (5 -> 6)

7 Deck (Steel)

Search Reset

6. To add product information to the layers, click on  in the product layer. Similar to the Product Search, you can filter by company, product trade name, and product information. To filter by board thickness or securement density, you must select the category, subcategory, and Approved use.
7. Once all information is entered, click **Search** and a list of results will be displayed. Results can be sorted by each column (in increasing or decreasing order) by clicking on the column heading.

Found: 75 records

Assembly #	Cover Type	Application Type	Securement Type	Deck Type	Wind Uplift	IFire	XFire	Slope	Hail
13335-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1.5	SH
13341-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	0.75	SH
15579-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1.5	SH
63982-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1.5	SH
66031-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1	SH
66044-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1	SH
66592-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1.5	SH
74467-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1.5	SH
77813-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	0.25	SH
77814-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	0.25	SH
77820-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	0.5	SH
77821-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	0.5	SH
77822-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1	SH
77823-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1	SH
77824-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1	SH
77824-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1	SH
77825-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1	SH
77826-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1.5	SH
77827-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	1	SH
77830-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	0.5	SH
77831-0-0	Single-Ply System	New Roof	Adhered	Steel	150	1	A	0.5	SH

1 2 3 4

8. Click a specific assembly number under the Assembly # column. The Assembly Detail page appears, showing all layers in the assembly and all available products for each layer.