



1. Membrane – FiberTite, FiberTite–SM, FiberTite XT, FiberTite XTreme, and Fleece–back Membranes
2. Adhesive – FTR approved membrane adhesives
3. Coverboard – 5/8–in (16mm) DensDeck® StormX™ Prime Adhered or Mechanically Attached*
4. Approved FTR–Value Insulation Mechanically Attached or Adhered
5. Optional Vapor Barrier – Self–Adhered, Torch, & Hot Asphalt
6. Deck – Steel, Structural Concrete (shown), or Existing Roof

Requirements

Slope Requirements

Positive slope required for warranty

Construction Type

New Construction, Re–Cover (existing roof) or Re–Roof with Complete Tear Off

Building Height Limitation

Dependent upon design wind velocity pressure requirements. Contact FiberTite Technical Services for guidance.

Base Tie-Ins

Must be attached to substrate to provide a minimum resistance of 250 lbf (1112 N) in any direction.

Increased Wind Speed and Codes

Any wind speed coverage in excess of 60 mph (96 kph) or projects with specific building code requirements must be evaluated and accepted by FiberTite Technical Services.

Deck Requirements

See approved deck types listed in RoofNav®

Coverboard/Insulation Types

See approved coverboard and insulation types listed in RoofNav.

Minimum 5/8–in (16mm) DensDeck® StormX™ Prime, adhered or mechanically attached*.

Coverboard/Insulation Attachment Types

See current RoofNav assemblies for approved coverboard and insulation combinations and attachment requirements.

NOTE: Maximum 4' x 4' (1.2m x 1.2m) StormX coverboards must be used when attached with FiberTite FTR 601 insulation adhesive.

Membrane Requirements

Approved membranes are listed in FM RoofNav assemblies

- FiberTite
- FiberTite–SM
- FiberTite–XT
- FiberTite–XTreme
- FiberTite FB (fleece–Back)
- FiberTite–SM FB
- FiberTite–XT FB
- FiberTite–XTreme FB

* Mechanically fastened StormX is only approved with FiberTite–FB membrane in spattered foam adhesives. Adhered StormX is approved with all the listed membranes in approved adhesives.

Seaming Requirements

Minimum 1½–in (38mm) wide outside heat weld on every 3–in (76mm) wide seam.

Membrane Adhesive Requirements

Approved membrane adhesives are listed in FM RoofNav® assemblies

- Alpha–Tite™ Bonding Adhesive
- FTR–190e Bonding Adhesive
- FTR–290 Bonding Adhesive
- FTR 601–PG Foam Adhesive Spatter
- Polyset® CRA Foam Adhesive Ribbons

Detail Descriptions

Wall Terminations	See FiberTite Approved Construction Details at www.FiberTite.com
Curb & Wall Flashings	Curb and wall flashings must be anchored with appropriate base tie–in detail, using appropriate membrane and attachment methods. See FiberTite Approved Construction Details at www.FiberTite.com
Corners	Field fabricated corner details or FiberTite injection molded corners are available. See FiberTite Approved Construction Details at www.FiberTite.com
Roof Edges/Parapets	FiberTite FiberClad metal is available for roof edge transitions. Depending on wind load requirements, FiberTite AnchorTite edge and coping systems may be required. See FM RoofNav for available edge and coping systems. See FiberTite Approved Construction Details at www.FiberTite.com
Penetrations	Penetrations can be flashed with FiberTite injection molded Boots, Wrapid Flash or FiberTite 60–mil non–reinforced membrane. See FiberTite Approved Construction Details at www.FiberTite.com
Vapor Retarder	The use of a vapor retarder in FiberTite roof systems is project and individual design specific. Please contact the FiberTite Technical Department for recommendations on the use of a vapor retarder on your project.

Notes

1. The use of an FM Rated Very Severe Hail (VSH) assembly does not guarantee hail coverage greater than ¾–in by Seaman Corporation.
2. Hail coverage may require additional assembly enhancements and warranty premiums.
3. Wind speed coverage greater than 60mph (96 kph) will require additional system enhancements.
4. Fastener withdrawal testing is required for all re–roof and re–cover scenarios.
5. Only products provided by Seaman Corporation are covered under the FiberTite Commercial Roof Warranty.
6. Visit www.FiberTite.com or contact your FiberTite Representative for additional information and details.
7. The FiberTite Authorized Roofing Contractor is responsible for adherence to all applicable building codes and/or specification requirements.
8. All proposed roof assemblies must be accepted by FiberTite Technical Services for warranty consideration prior to bidding or installation.
9. When FM Approved / Tested Assemblies or warranty requirements conflict, the more stringent assembly requirements shall be followed.