



INTELLIGENT
ROOFING SOLUTIONS

FiberTite® Roofing Systems

FiberTite Technical Bulletin #2017.001

Seaman Corporation • 1000 Venture Blvd. • Wooster, OH 44691
www.fibertite.com

Issue Date: May 1st, 2017
Issued By: FiberTite Technical Services
Re: FiberTite Roofing Systems & Photovoltaic Arrays

FiberTite® Roofing Systems & Photovoltaic Arrays

2017.001 - Page One of two:

Commercial rooftops are an attractive platform for the installation of solar photovoltaic (PV) electricity producing systems. It is important to remember, however, that the roof's function is first and foremost to protect the building contents and it's people from the elements.

The determination of the most suitable PV technology, racking and installation method is the responsibility of the Building Owner and/or designer of record. [Seaman Corporation](#) does not recommend self-adhered amorphous PV systems.

[Seaman Corporation](#) has no objection to the use or installation of roof top photovoltaic array over a new or existing [FiberTite Roofing System](#). The photovoltaic array in itself does not present a physical or material compatibility issue and will not nullify a new or existing [FiberTite Commercial Roofing System Warranty](#). However, the array is considered an "overburden" per the terms and conditions of our commercial warranties. Should [Seaman Corporation](#) be contacted to investigate a warranty claim, or to make warranty related repairs, providing access to the membrane, including removal and replacement of the array, if necessary, will be the responsibility of the Building Owner.

The following guidelines and recommendations apply to all roof top PV systems installed over a [FiberTite Roofing System](#):

- The structural integrity of the building must be such that it will safely support the roof top array.
- The composite below the membrane must be in sound condition and capable of supporting the array.
- A coverboard between the insulation and [FiberTite](#) membrane is strongly recommended.
- The array must be designed and installed by an authorized/licensed integrator

Continued on Page Two

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2017.001 - Page Two of two:

GENERAL CONSIDERATIONS:

- Racks should have enough clearance above the membrane to service the roof.
- Set PV arrays so that all field seams and penetration are accessible
- High traffic areas and access points shall be protected with [FiberTite Tuff-Trac](#) protection pads and walkways.
- It is the responsibility of the building owner to ensure compliance with local building codes.
- For ballast style and non-penetrating racking systems, the array’s supports must be installed over a protective layer of [FiberTite Tuff-Trac](#) protection pad.
- [FiberTite](#) Tuff-Trac protection pads shall be installed at all access points within and around the array.
- A notice of roof alteration must be filed with [FiberTite Technical Services](#) prior to the commencement of the work.
- Any incidental roof modifications, including penetrating the [FiberTite](#) membrane, required or performed as a result of the photovoltaic installation must be performed by an [Authorized FiberTite Contractor](#).
- [Seaman Corporation](#) may at its option, recommend or require specific roof detailing consistent with our [FiberTite](#) Commercial Roofing warranty requirements.
- Upon request, [Seaman Corporation](#) will perform a pre-installation and post installation inspection of the roof(s) subject to [FiberTite](#) warranty commitments for a fee based upon the schedule below.
- The cost of all inspections associated with the [FiberTite Roof System](#) and the installation of the PV array as well as any recommended/required repairs shall be borne by the owner or the designated dealer of record.
- Please submit [FiberTite Roofing Systems - PV Roof Alteration Form](#) to [FiberTite Technical Services](#) prior to initiating any alterations or work on the warranted roof system.

If you have any questions or require additional information regarding our [FiberTite Roofing Systems](#) and our acceptance with regard to photovoltaic systems, please feel free to contact [FiberTite Technical Services](#) at: 800.927.8578.

INSPECTION FEE SCHEDULE:

Pre-installation and staging inspection of the roof system:	\$1,000.00
Post installation inspection of the roof system:	\$1,000.00
Re-inspection fees:	\$ 700.00

Attachment:

- [FiberTite Photovoltaic \(PV\) Array Roof Alteration Form](#)

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Please Fill Out Completely

FiberTite Roofing Systems - PV Roof Alteration Form

Building Name: _____

Warranty PIN# _____ FiberTite Contractor Name: _____

PV Manufacturer: _____ PV Install Start Date: _____

INSTRUCTIONS:

- 1. Submittal:** Submit this form and all documentation required below at least 60 days prior to start of the PV system installation.
- 2. Review & Response:** The FiberTite Technical Services will review your submittal and respond to you regarding any required enhancements to the roofing system. Failure to perform the required enhancements you receive from FiberTite could void the Seaman Corporation Commercial Warranty.
- 3. Roof Audits:** FiberTite requires two (2) roof audits: a pre-PV roof audit and a post-PV roof audit, by a FiberTite Technical Representative for each installation. The charge for each Roof Audit is \$1,000.00. It is the FiberTite Contractor's responsibility to contact FiberTite Technical Services at 1-800-927-8578 to request the pre-PV and post-PV roof audits. Seaman Corporation/FiberTite will remit roof inspection charge invoice(s) to:

Name: _____ email: _____

Address: _____ phone#: _____

Failure to submit payment for roof inspection may result in nullification of FiberTite Commercial Warranty.

- 4. Roofing Contractor:** Every effort should be made to contact the FiberTite Approved Applicator who performed the original installation.

Agreement and Submittal:

I understand that failure to follow the requirements I receive from FiberTite may void the Seaman Corporation Commercial Warranty. I certify that each of the following items is attached to this document, and that all information submitted is accurate:

Shop Drawing showing proposed PV layout and complete Roof Plan

PV manufacturer's complete details and installation information, including type of supports

Overburden Waiver: by signing below the owner acknowledges that the PV array constitutes an overburden under the terms and conditions of Seaman Corporation's Commercial Warranty.

Proposed protection/slip sheet material: type, location, and application, when applicable

Appropriate FiberTite details to be used for flashing, penetrations, additional membrane attachment and protection (all current FiberTite details and specifications must be followed)

Please refer to FiberTite Technical Bulletin # 2017.001 for additional information

Building Owner/ Representative : _____

Signature: _____ Date: _____

As authorized agent for owner

SUBMIT THIS FORM AND ALL ATTACHMENTS TO:

Seaman Corporation
FiberTite Technical Services
1000 Venture Blvd.
Wooster, OH 44691