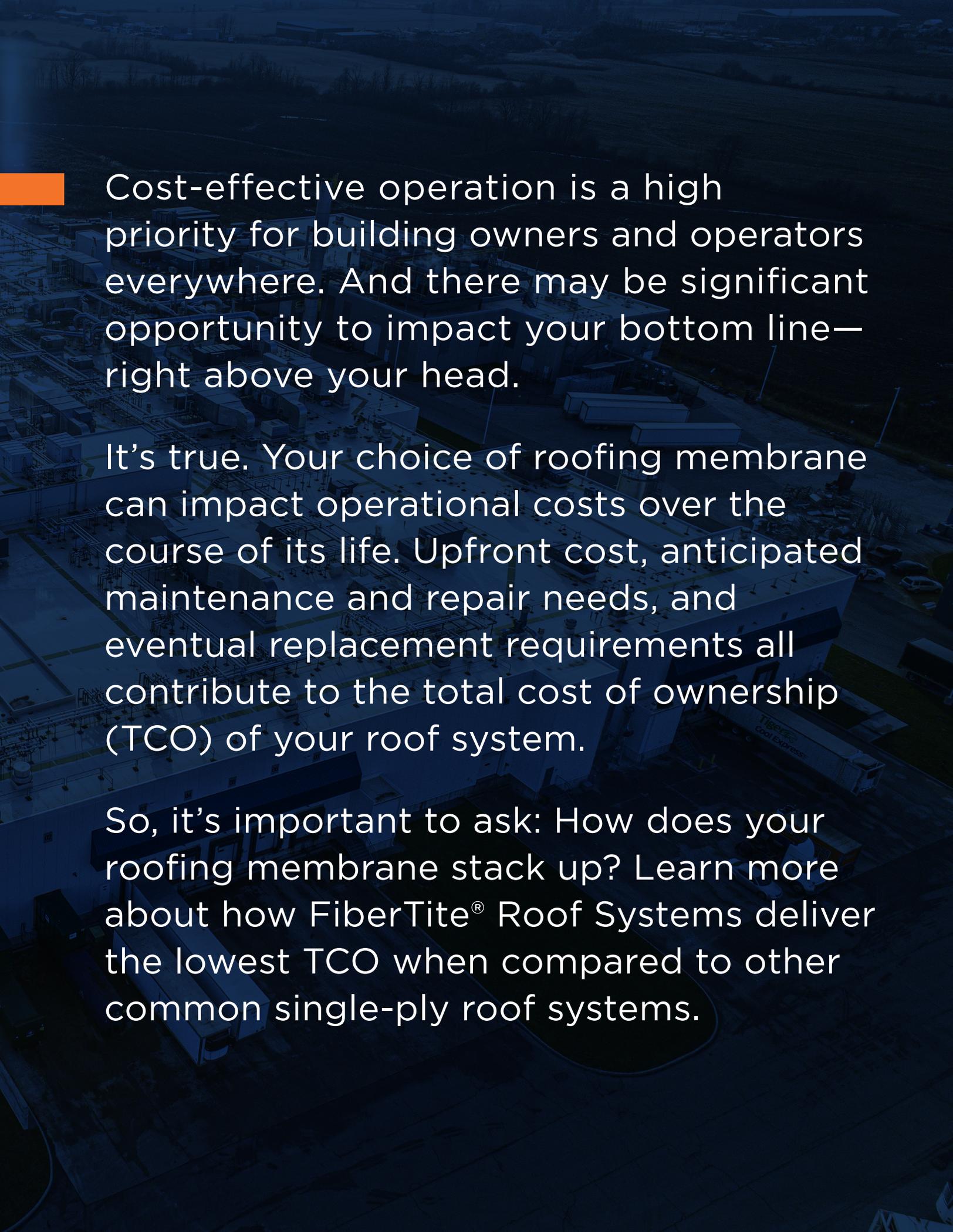


# TOTAL COST OF OWNERSHIP:

How Much Is Your Roof  
Really Costing You?



Cost-effective operation is a high priority for building owners and operators everywhere. And there may be significant opportunity to impact your bottom line—right above your head.

It's true. Your choice of roofing membrane can impact operational costs over the course of its life. Upfront cost, anticipated maintenance and repair needs, and eventual replacement requirements all contribute to the total cost of ownership (TCO) of your roof system.

So, it's important to ask: How does your roofing membrane stack up? Learn more about how FiberTite® Roof Systems deliver the lowest TCO when compared to other common single-ply roof systems.

# Total Cost of Ownership: FiberTite® Roof Systems vs. Single-Ply Roof Systems



## First, what is TCO?

TCO is the amount you'll pay for your roof over the course of its lifetime. It can be calculated like this:

$$\text{TCO} = \frac{\text{Initial Cost} + \text{Sum of Maintenance Cost Over Lifetime} + \text{Replacement Cost}}{\text{Service Life}}$$

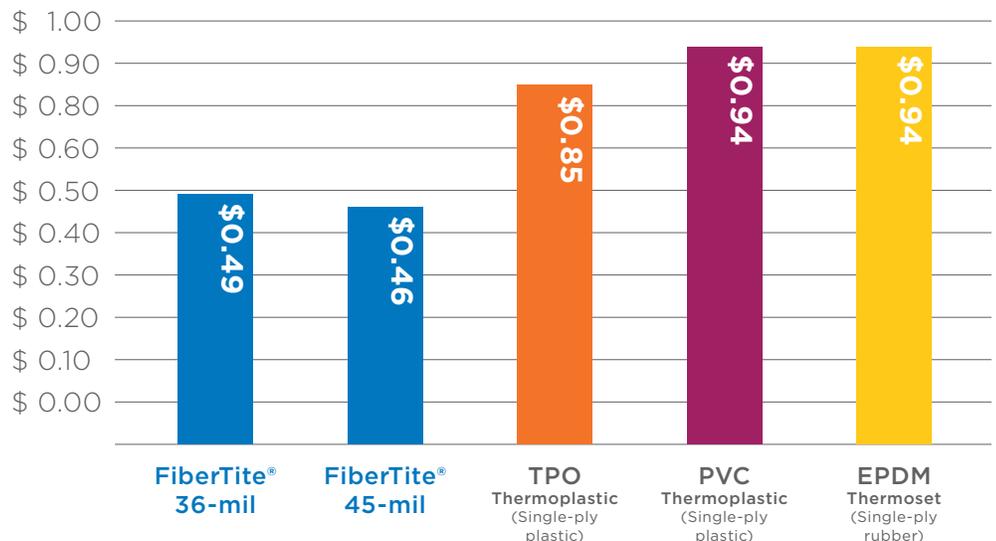


Recent research shows that FiberTite Roof Systems and other single-ply systems deliver **drastically different TCO** figures.

This research was conducted by a leading asset management consulting firm\* with independence from product manufacturers, allowing them to offer objective evaluations and recommendations. They used a combination of historical performance data, warranty information, lab test results and proprietary scoring methodologies to ensure accurate TCO calculations.

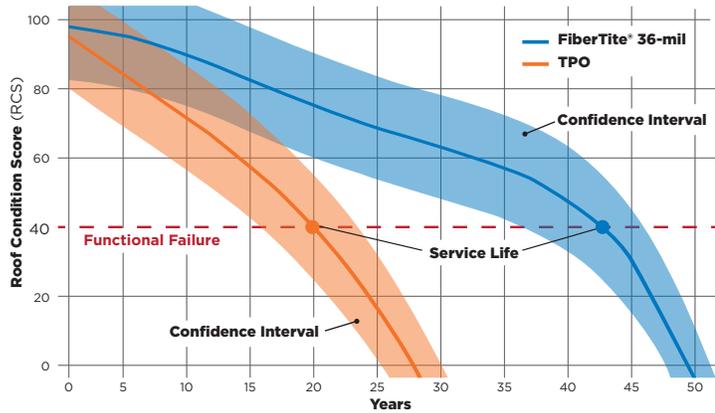
Research shows that FiberTite Roof Systems deliver the **lowest TCO when compared to other common roof systems.**

Total Cost of Ownership per Year per Square Foot



Roof Condition Scores (RCS) for FiberTite from the research indicate at least **twice the service life** compared to other commercial single-ply technologies.

**Roof Condition Over Time FiberTite® 36-mil vs TPO**  
(Polynomial Regression Model)

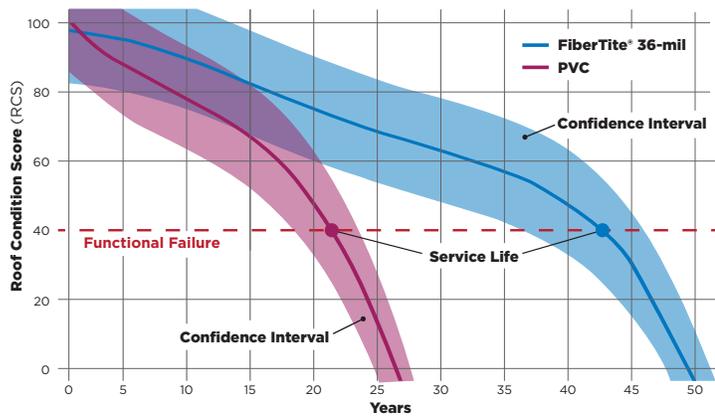


FiberTite TCO is **42%** less than TPO

FiberTite service life is **>2x** that of TPO

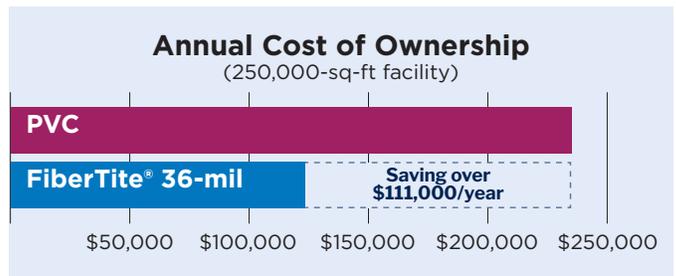


**Roof Condition Over Time FiberTite® 36-mil vs PVC**  
(Polynomial Regression Model)

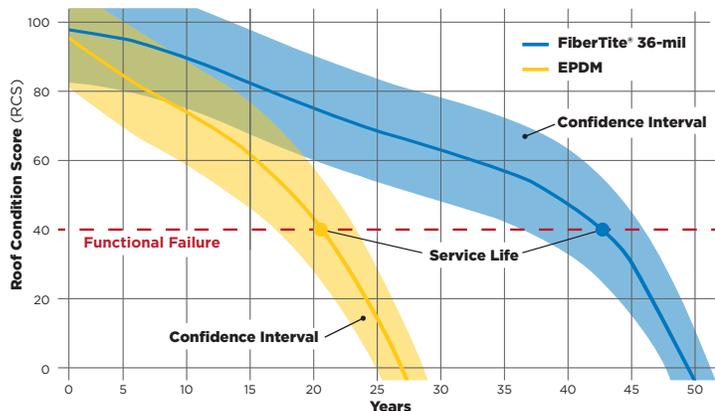


FiberTite TCO is **48%** less than PVC

FiberTite service life is **2x** that of PVC

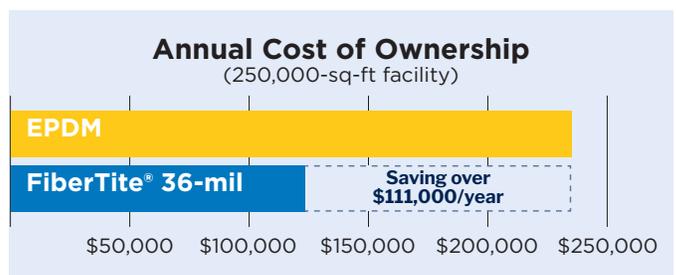


**Roof Condition Over Time FiberTite® 36-mil vs EPDM**  
(Polynomial Regression Model)



FiberTite TCO is **48%** less than EPDM

FiberTite service life is **2x** that of EPDM





## How TCO Was Calculated



To determine TCO, researchers evaluated approximately **680 million square feet** of various roofing systems from more than **33,000 unique buildings**, spanning from 2002 to 2023.



From this data, they compared more than 6,500 roofs with FiberTite® Roof Systems to objectively determine TCO against TPO, PVC and EPDM.

## Stacking Up Maintenance Costs

Researchers analyzed **22,000 work orders** from January 2021 to March 2024. Among that sample, costs for maintenance tasks ranged from **\$360 to \$24,500**.



Typical repair needs can stem from leaks, tears or abrasions, hail damage and extreme weather events.



Preventive maintenance requirements can include gutter cleaning, flashing and counter repairs, and sealant reapplication.

## Roof Condition Scores

The study used a proprietary model for quantifying roof condition over a facility's lifetime.

0-60 <b>poor</b> condition	61-80 <b>fair</b> condition	81-100 <b>good</b> condition
----------------------------------	-----------------------------------	------------------------------------

A roof with a score of **40 or below** is beyond its useful service life and **needs to be replaced**.

 **The bottom line** is that research shows that **FiberTite® Roof Systems deliver the lowest total cost of ownership** when compared to other common roof systems. This could mean significant savings through reduced maintenance and longer service life, ensuring greater value over time.

\*All data in this document is from a "Total Cost of Ownership Report - 36 & 45 mil FiberTite®" prepared in 2024 by Mantis Innovation, a leading asset management consulting firm.

# FiberTite® Roof Systems

## 40+ Years of Demonstrated Performance



### Sarasota Agricultural Center

**Location:** Sarasota, FL

**Installed:** 1983



### Rubbermaid

**Location:** Greenville, TX

**Installed:** 1984



### Inn Maid® Noodles

**Location:** Millersburg, OH

**Installed:** 1983



1000 Venture Blvd. • Wooster, OH 44691 | 330.262.1111

[www.SeamanCorp.com](http://www.SeamanCorp.com) | [www.FiberTite.com](http://www.FiberTite.com)



The results and outcomes depicted in the research may not be typical and should not be considered as guarantees of similar results. NEITHER THE RESULTS AND OUTCOMES NOR THIS DOCUMENT SHALL BE CONSTRUED AS A PRODUCT CLAIM OR WARRANTY AND SEAMAN CORPORATION MAKES NO PRODUCT CLAIM OR WARRANTY WHATSOEVER IN THIS DOCUMENT REGARDING ANY FIBERTITE® MEMBRANES OR OTHER GOODS, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHETHER EXPRESS OR IMPLIED BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USE OF TRADE OR OTHERWISE.

All data in this document comes from a "Total Cost of Ownership Report - 36 & 45 mil FiberTite®" prepared in 2024 by Mantis Innovation, a leading asset management consulting firm.

©2024 FiberTite is a registered trademark of Seaman Corporation.