



# LAB TESTING

## Test Summary

**Roof Rejuvenate USA**, in collaboration with global construction materials leader **Sika**, commissioned an independent third-party study through **PRI Asphalt Technologies**, a recognized authority in asphalt shingle testing. The study used 15-year-old asphalt shingles from a real residential roof and subjected them to a **1,500-hour accelerated weathering test**, simulating **five years of natural aging** using industry-standard aging models. The goal was to compare untreated shingles with those treated using the Roof Rejuvenate product. PRI evaluated critical performance metrics—including **flexibility, durability**, and **overall longevity**—and the results showed **significant performance improvements** in the treated shingles over the simulated 5-year period.

## Corn-Based Rejuvenator

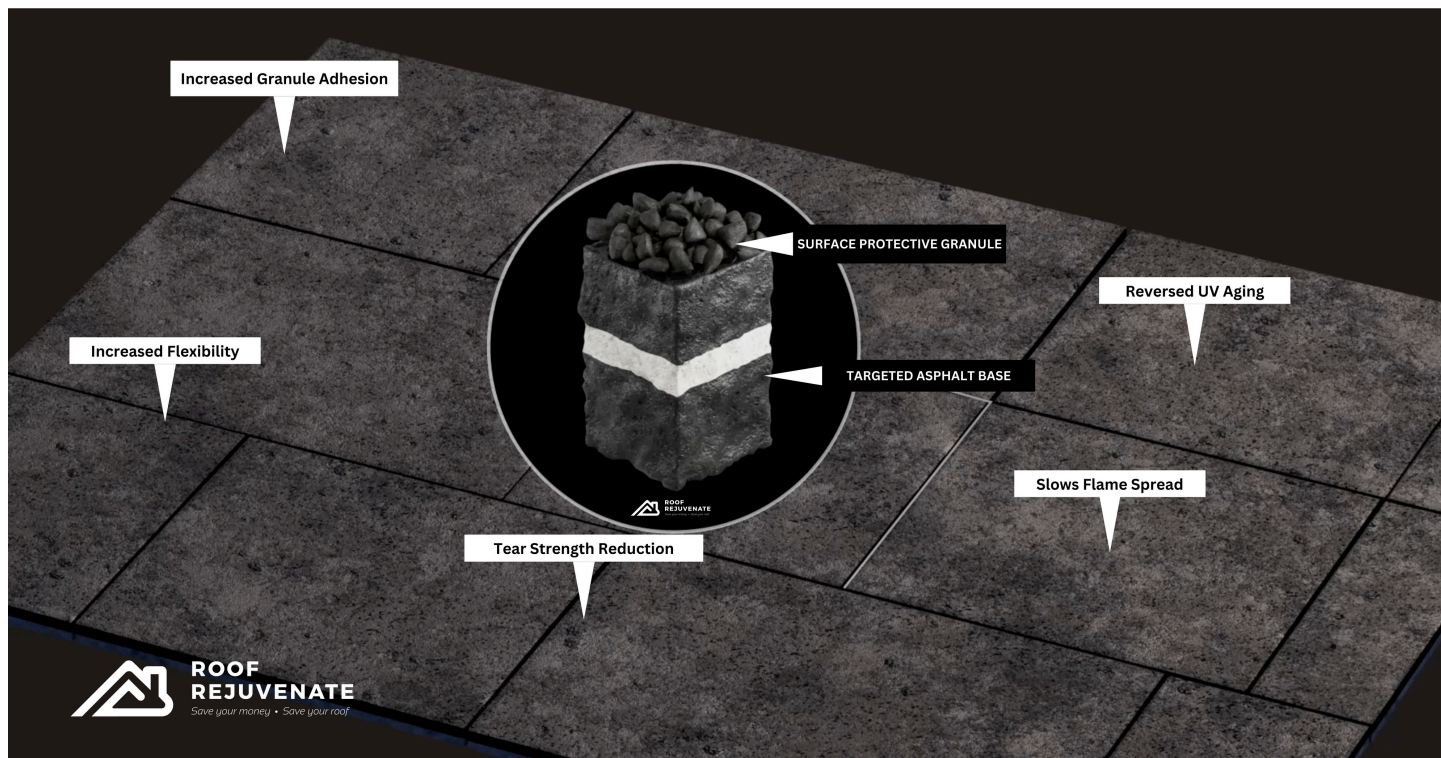
Crafted with a **formulation featuring natural corn oil**, this rejuvenator works at the **molecular level** to restore and protect aging asphalt shingles. Unlike surface-level treatments, it penetrates deep into the shingle, depositing oils into the base layer while filling microscopic voids created by oxidation over time. This oil reintroduction process causes the shingle to “puff back up,” improving flexibility and **locking granules in place from the bottom up**. The result is a revitalized, more resilient shingle that resists mold, moss, and algae growth—thanks to the restored, oil-rich surface they can’t easily colonize. It’s a sustainable, high-performance solution designed to extend shingle life while remaining environmentally responsible.

## Overall Conclusion from 1,500-Hour (5-Year) Accelerated Aging Study

- 🏆 **Best granule adhesion** – 53% better retention than untreated shingles, which means better protection and longer shingle life.
- 🏆 **Superior cold-weather flexibility** – 66.7% improvement over untreated shingles, helping resist cracking in cold conditions.
- 🏆 **Stronger shingle structure** – 24% higher tear strength in machine direction
- 🏆 **Noticeable visual restoration** – A visible difference in shingle color, giving roofs a newer, revitalized look.

PROPERTY	UNTREATED SHINGLE	Roof Rejuvenate (TREATED)	IMPROVEMENT
Granular Adhesion - Loss (g)	1.43	0.67	53% less granule loss
Tear Strength	7.6 N	9.4 N	Stronger shingle (-24%)
Pliability	15-C	5-C	66.7% improvement in cold-weather
Color Change	-	7.02	Visibly refreshed appearance

\*Data sourced from 2025 laboratory testing conducted by PRI Asphalt Technologies.



## What is Roof Rejuvenate, and What Does It Do?

Roof Rejuvenate is a 96% USDA Certified Bio-Based rejuvenator designed to restore aging asphalt shingles from the inside out. Unlike surface-level treatments, our non-toxic, all-natural formula penetrates deep into each shingle, reversing the chemical breakdown that leads to cracking, curling, and granule loss. It restores flexibility, strengthens UV resistance, and improves granule adhesion—making your roof more resilient and longer-lasting. When you reintroduce oil to an asphalt shingle, it restores the surface's integrity and creates an environment where mold, moss, and algae are less likely to grow or thrive. Roof Rejuvenate isn't just maintenance; it's protection that preserves your roof's integrity and performance for years to come.

## What Makes Roof Rejuvenate Different?

Most rejuvenators rely on soy methyl esters or industrial-grade solvents. Roof Rejuvenate doesn't. Our advanced molecular technology targets the asphalt base at the core of each shingle, particularly in the lower tab—where deterioration begins. This ensures a deep, effective restoration without the use of harsh chemicals. The result? A longer-lasting, eco-conscious solution that strengthens your shingles without making them overly soft or compromised.

## Why Choose Roof Rejuvenate?

Roof Rejuvenate is the premium option for homeowners looking to extend the life of their roof. Scientifically tested and proven to outperform conventional rejuvenators, our product enhances shingle durability, improves color vibrancy, and increases granule retention, flexibility and resistance to hail and harsh weather. Supported by a full 5-year non-prorated warranty, it's a smart and sustainable way to extend the life of your shingles. Count on the proven innovation of Roof Rejuvenate to protect your roof—safely, effectively, and affordably.

