



SHINGLE SERUM™

Technical Test Data Sheet (TTDS)

Independent Laboratory Testing Summary

Based on testing performed by PRI Construction Materials Technologies, LLC
Project No. 2259T0004 | Test Period: May 26 – July 9, 2026

Product Description

Shingle Serum™ is a roof rejuvenation treatment designed for asphalt shingles. The product was independently evaluated after application and a seven-day cure period to compare treated specimens against untreated controls.

Test Conditions

Application Rate	Approximately 100 sq. ft. per gallon
Cure Time	7 days before testing
Substrate	Asphalt roofing shingles and asphalt coating
Laboratory	PRI Construction Materials Technologies, LLC
Evaluation	Treated specimens compared to untreated controls

Independent Test Results

ASTM STANDARD	PROPERTY EVALUATED	SUMMARY OF RESULTS
ASTM D4977	Granule Adhesion	Treated shingles exhibited approximately 67% less granule loss than untreated shingles
ASTM D3462	Pliability	All treated specimens passed pliability requirements with no cracking observed
ASTM D5	Asphalt Penetration	No significant change observed after treatment.
ASTM D2170	Kinematic Viscosity	No significant change observed after treatment.

Technical Interpretation

Granule Retention: Reduced granule loss indicates improved resistance to abrasion during laboratory testing, helping preserve the shingle's protective mineral surface.

Pliability: Treated shingles maintained acceptable flexibility under ASTM D3462 testing.

Asphalt Properties: Treatment produced no significant adverse changes in measured penetration or viscosity characteristics.

Notice

This technical data sheet summarizes selected independent laboratory results applicable to the intended exterior roofing application. It is not a warranty or guarantee of field performance or roof service life. Performance will vary with roof age, installation quality, climate, ventilation, maintenance, and environmental exposure.