



SCANSHIELD AI

Sample Roof Inspection Report

AI-assisted findings prepared for professional review

OVERALL VERDICT

End-of-Life Roof

The roof age and overall observed condition indicate that replacement may be more economical than continued repairs. All AI findings should be verified on site by a qualified roofing professional.

ROOF DAMAGE SCORE

85 / 100**SEVERE**

Higher score = more observed damage

STORM DAMAGE SCORE

47 / 100**REVIEW ON SITE**

Higher score = more likely storm-related

KEY RECOMMENDATION

Verify the identified hail impacts and overall roof condition on site. Given the reported roof age of 15 years and the severity of observed conditions, discuss replacement options with the property owner.

INSPECTION DATE

August 24, 2026

REPORTED ROOF AGE

15 years

REPORT STATUS

Sample - Not property-specific

SCORING

Why These Scores

STORM DAMAGE SCORE

- 5 of 11 photos show reported hail impacts
- 28 impacts counted; moderate density within analyzed photo evidence
- 5 supporting findings with 91% average AI confidence

ROOF DAMAGE SCORE

- 15 findings across 5 reported condition types
- 5 high-weight issues identified
- 11 photos analyzed with 84% average AI confidence

CONDITION SNAPSHOT

Hail impacts

Reported across five photos

85-95% confidence

Algae / moss

Widespread staining and localized growth

60-95% confidence

Granule loss

Diffuse and localized weathering

60-85% confidence

Exposed nails

Unsealed, rusted fasteners at pipe boot

100% confidence

Shingle damage

Prior sealant or mastic repair observed

95% confidence

INTERPRETING CONFIDENCE

Confidence reflects how clearly a condition is visible in the photograph. It is not a probability that damage exists and does not determine cause, coverage, or required work.

EVIDENCE

Roof Photos & Key AI Findings



Algae / Moss

95%

Widespread dark streaking and blotchy discoloration across visible slopes.



Shingle Damage

95%

Light-colored sealant or mastic appears applied across multiple shingle courses.



Granule Loss

85%

Diffuse granule loss consistent with age and weathering.



Hail Damage

85%

Sporadic circular impact marks with localized granule displacement.

EVIDENCE

Additional Roof Findings



Hail Damage

95%

Distinct circular impact with granule loss and exposed asphalt mat.



Hail Damage

90%

Multiple scattered impact marks across visible shingle courses.



Hail Damage

90%

Sporadic bruised spots approximately 0.5 to 1 inch in diameter.



Hail + Algae

95% / 70%

Clearly defined impacts with minor dark discoloration in keyways.



Exposed Nails

100% CONFIDENCE

Two unsealed, rusted nail heads at the pipe boot flashing base.

SUMMARY

Recommended Next Steps

01

Verify Findings On Site

Have a qualified roofing professional verify reported hail impacts, fastener concerns, shingle condition, and photo-based findings.

02

Discuss Replacement Options

The reported age and severe Roof Damage Score suggest replacement may be more economical than continued repairs.

03

Document the Decision

Retain this sample report with the inspection photos and any professional field notes used to confirm or correct the AI findings.

HOW THE ANALYSIS WORKS

Submitted roof photographs are reviewed by an AI vision model against defined roofing-condition criteria. Findings record the visible condition, location, plain-language description, and confidence level. The model assists the inspection; it does not replace professional judgment.

IMPORTANT DISCLAIMER

ScanShield AI assists roofing professionals in identifying potential issues from photographs. It does not replace an on-site professional inspection or engineering assessment. Findings should be verified by a qualified contractor before any repair, replacement, financing, or insurance decision. This sample report is for demonstration purposes and is not tied to a disclosed property address.