





# **SBC Roof Series: Wood Shake Roof Inspection**

# **WALKING ON A WOOD ROOF:**

When walking on a wood shake roof, it's important to take certain precautions to avoid damaging the roof. Here are some tips for walking on a wood shake roof:

## 1. Use Proper Footwear:

 Wear soft-soled shoes with good traction to help prevent damage to the wood shakes and provide secure footing.

## 2. Step Carefully:

• Walk deliberately and place your feet on the shakes, avoiding stepping between them to minimize the risk of breakage.

# 3. Distribute Weight:

 Distribute your weight evenly as you move across the roof, and avoid placing excessive pressure on individual shakes.

#### 4. Avoid Walking in Extreme Weather:

• Refrain from walking on a wood shake roof in extremely hot or cold temperatures, as this can make the shakes more susceptible to damage.

## 5. Use Caution on Wet or Moss-Covered Roofs:

 Exercise extra caution when walking on a wet or moss-covered roof, as these conditions can make the surface slippery and hazardous.

## 6. Hire a Professional:

• If inspections or maintenance require extensive work on the roof, consider hiring a professional roofer who is experienced in working with wood shake roofs.









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## INSPECTING A WOOD ROOF:

Here is a typical inspection checklist for a wood shake roof:

#### 1. Overall Condition:

Inspect the entire wood shake roof for signs of damage, such as cracked, split, or broken shakes.

# 2. Loose or Missing Shakes:

Check for any loose or missing shakes that may need to be repaired or replaced.

## 3. Flashing Inspection:

• Inspect all flashings, including drip edge, valley, chimney, skylight, and vent pipe flashings, for signs of damage or deterioration.

# 4. Ridge Caps:

Check the condition of the ridge caps, ensuring they are securely in place and not damaged.

## 5. Decking:

Inspect the roof decking for any signs of rot, water damage, or structural issues.

## 6. Underlayment:

• Verify the integrity of the underlayment, ensuring it provides a proper barrier against moisture.

#### 7. Ventilation System:

• Check the intake and exhaust vents for obstruction and ensure they are functioning properly.

## 8. Gutter System:

Inspect the gutters and downspouts for debris and blockages that may impede proper drainage.

#### 9. Moss and Debris:

Look for any accumulation of moss, leaves, or other debris on the roof that may hinder water drainage.

## 10. Interior Inspection:

 Check the interior of the attic or ceiling for signs of water penetration, such as water stains or mold growth.







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## 11. Structural Integrity:

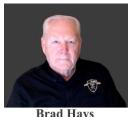
• Assess the overall structural integrity of the wood shake roof, including support beams and trusses.

# 12. Safety Concerns:

• Identify any safety concerns, such as loose or unstable areas that may pose a risk to occupants or maintenance personnel.

It's important to conduct regular inspections and maintenance to ensure the long-term performance and durability of a wood shake roof. If any issues are identified during the inspection, it's recommended to consult with a qualified roofing professional for necessary repairs or maintenance.









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# HAIL INSPECTION:

When inspecting a wood shake roof for hail damage, it's important to be thorough and systematic. Here is a typical inspection checklist specifically for assessing hail damage on a wood shake roof:

#### 1. Initial Assessment:

 Evaluate the size and severity of the recent hailstorm in the area to determine potential impact on the roof.

## 2. Exterior Inspection:

Perform a visual inspection of the wood shakes from the ground, looking for visible signs of impact such as dents, pockmarks, or displaced shakes.

## 3. Observe Downspout and Gutters:

• Check for indications of granules or dislodged wood fragments in the gutters and downspouts, which can be a sign of hail damage.

# 4. Attic Inspection:

Examine the underside of the roof deck in the attic for signs of water damage, including leaks or wet spots, which may result from hail-related roof penetration.

#### 5. Indirect Indicators:

 Look for collateral clues, such as damage to nearby structures, vehicles, or outdoor fixtures, that may indicate the presence of significant hail impact.

## Document Findings:

Take clear photographs of any observed hail damage as part of the documentation process.

## 7. Professional Inspection:

 Consider engaging a qualified roofing professional for a more detailed assessment of hail damage and an informed opinion on repair or replacement needs.

By following this checklist, you can conduct an assessment of a wood shake roof following a hailstorm, aiding in the identification of potential damage and the necessary steps for repair or replacement.









## WIND INSPECTION:

Here is a typical wind damage inspection checklist for a wood shake roof:

#### 1. Initial Assessment:

• Examine local weather reports to understand the severity and direction of recent wind events in the area.

#### 2. Visual Exterior Inspection:

 Conduct a visual inspection from the ground, looking for signs of displaced or missing wood shakes, particularly along the windward side of the roof.

## 3. Check Flashings and Trims:

 Inspect flashings, including drip edges, valley flashings, and any metal trims, for signs of lifting, bending, or damage due to high winds.

# 4. Gutter and Downspout Assessment:

• Examine gutters and downspouts for any debris, displaced shakes, or signs of damage such as dents or loosened fasteners.

## 5. Trim and Soffit Examination:

 Inspect the fascia, soffit, and any trim work for signs of displacement, lifting, or damage caused by the force of the wind.

#### 6. Attic Inspection:

 Assess the underside of the roof deck in the attic for any signs of water intrusion, such as leaks or wet spots, which may result from wind-related roof damage.

## 7. Document Findings:

Take clear photographs of any observed wind damage as part of the documentation process.

#### 8. Professional Inspection:

 Consider engaging a qualified roofing professional to conduct a detailed assessment of wind damage and provide recommendations for necessary repairs or replacements.

