Standards for Roof Replacement on Heritage Barns

HOW TO USE THIS GUIDE

ALLOWED

😊 YES! Do this.

1. Wood Shakes and Shingles
2. Corrugated Metal Roof Panels (without Ribs)
3. Standing Seam Metal (without Ribs)
4. Standing Seam Metal (with intermediate Dutch Seams)
5. Three Tab Shingles (with little color variation)
6. Standing Seam and Corrugated Metal (with ribs)

Meh.

7. Three Tab Shingles (Significant color variation)
8. Simulated Wood Shakes
9. Architectural Shingles

If you must.

Allowed Treatment: Wood Shakes and Shingles

- Repair existing wood shingles in situ
- Replace existing wood shingles in-kind (match original size, material, color, texture)
- Replace existing wood shingles with treated, fire-resistant wood shingles
- Restore roof to original or historic appearance using wood shingles
- Material was historically available

No way!

NOT ALLOWED

- 7. Three Tab Shingles (Significant color variation)
- 8. Simulated Wood Shakes
- 9. Architectural Shingles

YES! Do this.

- 1. Wood Shakes and Shingles

Meh.

- 2. Corrugated Metal Roof Panels (without Ribs)
- 3. Standing Seam Metal (without Ribs)
- 4. Standing Seam Metal (with intermediate Dutch Seams)
- 5. Three Tab Shingles (with little color variation)

If you must.

- 6. Standing Seam and Corrugated Metal (with ribs)

No way!

- 7. Three Tab Shingles (Significant color variation)
- 8. Simulated Wood Shakes
- 9. Architectural Shingles

ALLOWED

- 1. Wood Shakes and Shingles
Standards for Roof Replacement on Heritage Barns

 ALLOWED

2. Corrugated Metal Roof Panels (without ribs)

- Replace historic roofing material only if beyond repair
- **Color** should be earth-tones with no variation – should be matte finish
- Corrugated metal panels should be simple and rounded as shown above
- Material was probably not original, but still **historically available**

Allowed Treatment: Corrugated Metal Roof (without ribs)

3. Standing Seam Metal (without ribs)

- Replace historic roofing material only if beyond repair
- **Color** should be earth-tones with no variation – should be matte finish
- Standing seam metal panels should be properly installed to **prevent oil canning**
- Material was not original, but still **historically available**
Standards for Roof Replacement on Heritage Barns

Allowed

4. Standing Seam Metal (with intermediate Dutch Seams)

Allowed Treatment: Standing Seam Metal (with intermediate Dutch Seams)

✓ Replace historic roofing material only if beyond repair
✓ Standing seam metal panels should be properly installed to prevent oil canning
✓ Color should be earth-tones with no variation – should be matte finish
✓ Material was not original, but still historically available

5. Three Tab Shingles (with little color variation)

Allowed Treatment: Three Tab Shingles (Little color variation)

✓ Replace historic roofing material only if beyond repair
✓ Three tab shingles should have little variation in color
✓ Color should be relatively uniform and earth-tones with minor variation
✓ See below for examples of three tab shingles that would not be recommended
✓ Material was not original, but still historically available
Standards for Roof Replacement on Heritage Barns

ALLOWED

6. Standing Seam and Corrugated Metal (with Ribs)

Allowed Treatment: Standing Seam Metal and Corrugated Metal (with Ribs)

- **Color** should be earth-tone and **brightness** should be limited – should have matte finish
- Standing seams should be simple and rectangular (see item 3)
- All roofing installations shall be **reversible**
- Standing seam and corrugated panels with ribs were **not historically available**

GENERAL ROOF REPLACEMENT GUIDELINES

- Only wood gutter or “half-round style” metal gutters are allowed. Preferred treatment is the installation of French drain.
- In all cases, prior roof materials should be removed down to skip sheathing before the installation of new roof material.
- Skip sheathing should be repaired or replaced as needed.
Standards for Roof Replacement on Heritage Barns

NOT ALLOWED

7. Three Tab Shingles (Non-uniform color)

Not Allowed Treatment: Three Tab Shingles (Significant color variation)

× (Left): Significant color variation is not recommended
× (Middle): Color is too bright, not earth-tone, and variation is significant
× (Right): Color is earth-tone, but variation is significant
× Material with significant color variation was not historically available

8. Simulated Wood Shakes

Not Allowed Treatment: Simulated Wood Shakes

× Materials that simulate an authentic material shall not be used (metal, composite, cementitious, etc.)
× **Simulated wood shakes** do not replicate the character of real wood shakes
× Gaps between panels (right) do not properly replicate original material dimensions
× Materials with machine-applied simulated wood grain texture shall not be used
× **Brightness** / sheen shall be avoided
× Material was not historically available
Standards for Roof Replacement on Heritage Barns

**NOT ALLOWED**

9. Architectural Shingles

*Not Allowed Treatment: Architectural Shingles*

- **Color** should not have significant variation
- **Simulated depth** leaves shingles looking two-dimensional and is not recommended
- Architectural shingles were not historically available and thus their use should be avoided
- Some architectural shingles have actual depth, but are still not recommended due to their lack of historical precedent
- **Shape** of shingles should be relatively rectangular with 90 degree corners, not rounded or trapezoidal, and should not look like a puzzle