

Residential Roofing Installation Manual

GAF Residential Roofing
Professional Installation Manual

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Chapter 1: Safety Guidelines

- OSHA fall protection requirements
- Proper ladder usage
- Personal protective equipment
- Weather considerations
- Job site safety protocols

Chapter 2: Roof Preparation

Surface Inspection:

- Check for structural integrity
- Remove old roofing materials completely
- Repair damaged decking
- Ensure proper ventilation
- Install ice and water barrier

Chapter 3: Material Specifications

Shingles:

- Store flat in shaded area
- Blend shingles from multiple bundles
- Inspect for defects before installation

Underlayment:

- FeltBuster[®] or Tiger Paw[®]
- Minimum 15# felt or synthetic
- Proper overlap (2" minimum)

Chapter 4: Installation Procedures

Step 1: Install Starter Strip

- Overhang 1/4" to 3/4" at eaves
- Use proper nail pattern
- Apply adhesive where required

Step 2: Install Field Shingles

- 5" exposure standard
- 6 nails per shingle minimum
- Proper alignment critical
- Blend multiple bundles

Step 3: Ridge & Hip Installation

- Use GAF Seal-A-Ridge[®]