Carpentry Level Two

Roofing Applications 27202-13

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Kickoff Activity

- Review the types of roll roofing that are used for commercial roofs. List any special safety considerations when working with roll-roofing products.

Objectives and Performance Tasks

- Objectives
  - Describe the installation techniques for common roofing systems.
    - Describe how to install roll roofing.
- Performance Task
  - Demonstrate the techniques for installing other selected types of roofing materials.

Section 4.4.0

- Using Table 2 of the Trainee Guide, identify the recommended laps and exposures for the following:
  - Uncoated rolls
  - Single-coverage mineral-surface roll
  - Double-coverage mineral-surface roll

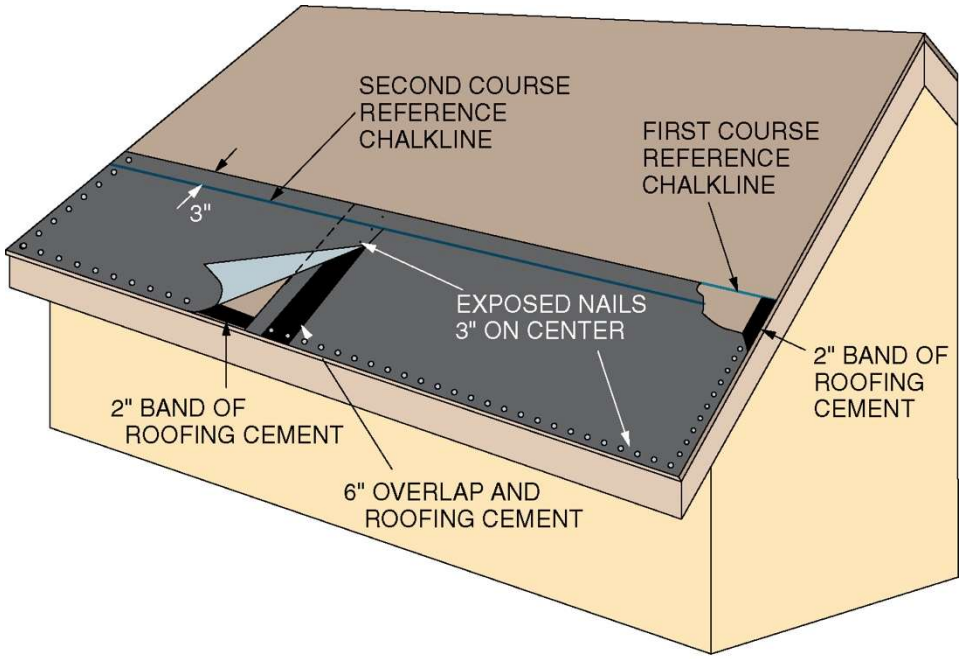
Section 4.4.2

- Installing single-coverage roll-roofing – exposed nail method
  1. Protect valleys with 18"-wide metal flashing.
  2. Snap chalkline 35 ½" above eaves. Apply 2" band of roofing cement along eaves and rake edges.

Section 4.4.2

- Installing single-coverage roll-roofing – exposed nail method (continued)

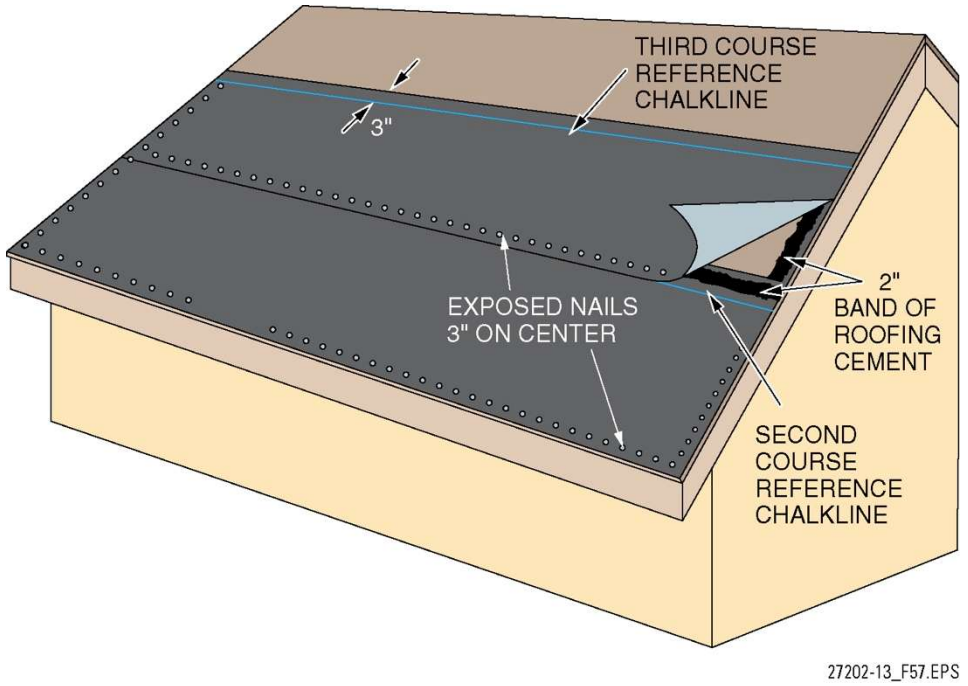
3. Run first course along chalkline. Cement and nail as required.



Section 4.4.2

- Installing single-coverage roll-roofing – exposed nail method (continued)

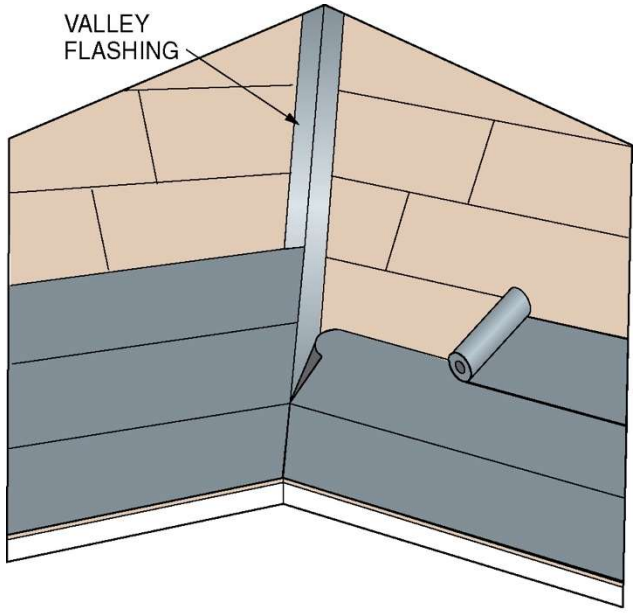
4. Snap another chalkline 3" down from top edge of first course. Apply roofing cement and install second course along chalkline.



Section 4.4.2

- Installing single-coverage roll-roofing – exposed nail method (continued)

5. Install third and subsequent courses of roofing.
6. Apply roofing at valleys, hips, and ridges.



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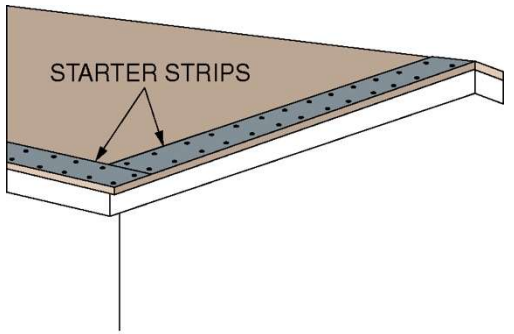
Section 4.4.3

- Installing single-coverage roll-roofing – concealed nail method
  1. Cut and install starter strips along eaves and rakes.
  2. Snap chalkline 35½" above eaves and run first course of roofing.



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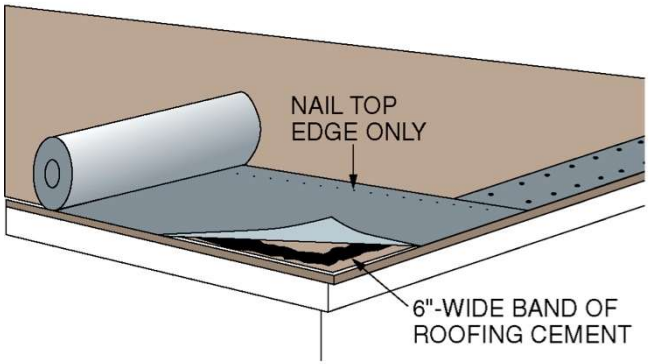

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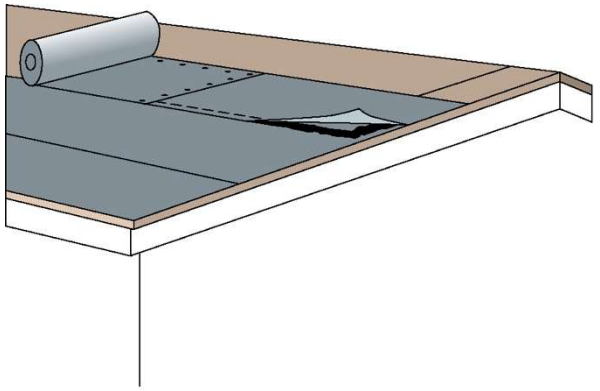
Section 4.4.3

- Installing single-coverage roll-roofing – concealed nail method (continued)

3. Snap chalkline 6" down from top edge of first course. Lay second course to chalkline.
4. Install third and subsequent courses.



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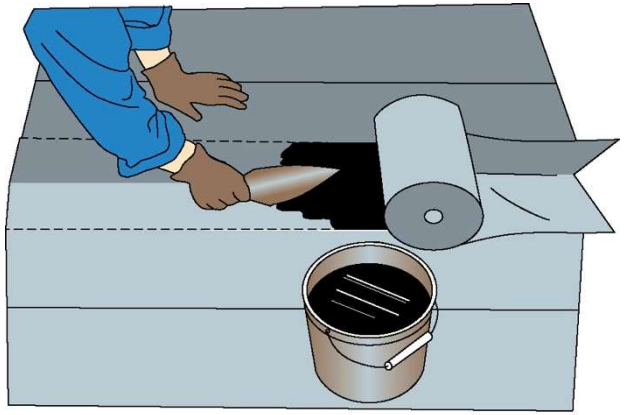
Section 4.4.3

- Installing single-coverage roll-roofing – concealed nail method (continued)

5. Apply roofing at all valleys, hips, and ridges. Trim roofing back to center.
6. Apply 6" band of roofing cement just above the 6" chalklines. Press down 12"-wide roofing strips into cement.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Wrap Up

Identify three items about each type of roofing installation that you learned in this module. One trainee at a time, list one of your items on the whiteboard without duplicating something already written by another trainee.

Next Lesson: Roof Projections, Flashing, and Ventilation
Review Sections 4.5.0–4.5.7