

# PERMIT ESSENTIALS: ROOFING, SIDING, & WINDOWS

This handout is for informational purposes and is not legally binding.

## PERMIT REQUIRED

A building permit is required for roofing, siding, or windows.

## HOW TO APPLY

Submit a building permit application

## PERMIT FEES

- Based on valuation

## REQUIRED INSPECTIONS

- Varies based on permit type

## GENERAL CODE REQUIREMENTS

### Roofing

- Install per manufacturer's instructions
- Shingle installation on roofs with slopes lower than 4/12
  - Check manufacturer's installation instructions for approval
  - Shingles must be approved self-sealing or hand sealed
- Ice and water protection:
  - Required on dwellings and attached accessory structures, heated or unheated
  - Install from the eave to a point 2 ft. inside the exterior wall line
- Fasteners:
  - 12-gauge corrosion resistant
  - Head - 3/8 in.
  - Length
    - Long enough to penetrate into the sheathing 3/4 in.
    - If sheathing is less than 3/4 in., long enough to penetrate through sheathing
  - Check installation instructions for number of nails per shingle
- Underlayment:
  - 4/12 and greater roof slopes
    - Minimum one-layer type 15 felt
    - Lap 2 in. horizontally and 4 in. vertically to shed water
  - 2/12 to less than 4/12 slopes
    - Start with a 19 in. strip of type 15 felt
    - Fully cover starter strip with a full 36 in. strip
    - Lap additional layers at least 19 in. horizontally
- Flashing:
  - Minimum 0.016-inch corrosion resistant metal
  - Extend 8 in. from centerline each way
  - Lap ends at least 4 in.
- Valleys:
  - 36-in. wide, type 15 felt underlayment must run full length of the valley
  - Metal valleys:
    - Solid cement to underlayment when roof slope is less than 7/12.
  - Can be woven asphalt shingles installed per manufacturer's instructions



Turn over for more information

## Siding

- Materials:
  - Approve and install per manufacturer's specifications
  - Capable of providing a weather resistive barrier
  - Weather resistive sheathing paper is needed
    - Type 15 felt or other approved weather resistive material
    - Apply horizontally with upper layer overlapping at least 2 in. over the lower layer
    - Lap at least 6 in. at joints
  - Attachments:
    - Aluminum, stainless steel, zinc-coated or other approved corrosion-resistive fasteners
- Seal penetrations with caulk or other material to prevent water from getting in
- If replacing more than 50% of siding:
  - Need to verify combustion air installation according to MN mechanical code or carbon monoxide detectors installation according to state statute

## Windows

- Safety glazing required in following areas:
  - Within 2 ft. arc of doors
  - Exposed area more than 9 sq. ft. and less than 18 in. above finished floor
  - Walls enclosing tubs, whirlpools, showers, etc.
  - Walls enclosing stairway landings
- Smoke detectors:
  - Install according to current code requirements
  - May be battery operated
- Bedroom window dimensions:
  - Minimum openable area - 5.7 sq. ft.
  - Minimum clear width - 20 in.
  - Minimum clear opening height - 24 in.
  - Maximum height of bottom sill from floor - 44 in.
- New windows exempt from egress requirements:
  - Manufacturer's largest standard size window that will fit in current window frame or rough opening
  - Can be the same operating style as the current window or a style that allows for a larger opening area than the current window
  - Use of the rooms or areas does not require an egress window and
  - Does not have to be replaced per the Shoreview rental licensing code
- If replacing more than 50% of siding:
  - Need to verify combustion air installation according to MN mechanical code or carbon monoxide detectors installation according to state statute

## QUESTIONS?

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