

# RE-ROOFING REQUIREMENTS

## Ice Barrier Required!!!



The Minnesota building code requires that an approved ice barrier underlayment be installed from your roofs edge to a point at least 24 inches past the exterior wall line.

This applies to all portions of your roof, including attached heated or un-heated garages, covered porches, bays, fire place enclosures and similar areas.



101 Development Resources, Inc.  
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Arlington, MN 55307  
Email: dri101@live.com

Building Permits; **the replacement of roof coverings does require a building permit.** You can obtain the application from the city's website or in person at the Building Inspections office. **When you have finished your roof you are required to bring pictures of the ice & water barrier to City Hall or email to: Cathie.elton@ci.burnsville.mn.us or jeanine.hay@ci.burnsville.mn.us. We will then schedule the final inspection.** You do not need to be present at the time but certainly are welcomed. If the inspector finds any corrections, a note will be left for you, explaining what needs to be done. **The building permit must be available at the time of inspection;** simply taping it to your front door works well.

Underlayment; for roof slopes of 4/12 or greater, a single layer of #15 roofing felt must be applied to your roof deck before you install asphalt shingles. This underlayment must be installed parallel to the roof eaves, and starting from the bottom of your roof slope, working towards the ridge. Over lap the lower piece with the upper a minimum of 2 inches. All end laps must cover the first ply a minimum of 6 inches and splices should be offset a minimum of 6 feet. Distortions in the underlayment may not interfere with the ability of the shingles to seal.

Flashing; all flashings must be in good condition. If you plan to re-use your old flashing, vents, jacks, Etc. they must be sound, free from rust and properly protected from the elements. All points where a roof intersects a vertical plane, such as a wall, skylight or chimney, must be flashed using the step flashing method. Start at the bottom installing metal flashing under the shingle

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## Re-roofing over existing shingles is prohibited!



Most of Southern MN is in an area that is identified as a moderate hail area in the building code. What this means for you is that **the building code will not allow asphalt shingles to be applied over**

**any existing roof covering.** The decking must consist of solid plywood or OSB sheathing or 1" nominal wood boards. All decking must be in good condition or you must replace it as necessary. If you are replacing decking you should call for a decking inspection before you cover your work.

## RE-ROOFING WITH ASPHALT SHINGLES



*"Listen Respectfully, Think Ahead, Act Responsibly"*

## UNDERLAYMENT INSPECTIONS



101 Development Resources, Inc. allows you to provide pictures of the ice barrier installation, in lieu of scheduling an inspection of the installation. Your pictures must be made available at the final inspection, or you can email, text or drop them off at the city office. Include city, address, and permit # with any correspondence.

If you are choosing to provide pictures you must meet the following:

1. The pictures must clearly show the ice barrier, separate from the regular underlayment.
2. They must show all roof sections of the structure being roofed.
3. It must be determinable that the photos provided are of the structure being inspected. Be sure to include unique parts of the structure or landscaping.
4. The pictures must be of a size and clarity to provide enough detail to verify compliance.

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tab and behind the siding. If you have any doubt about the condition of your flashings, replace them.

**Nails Vs. Staples;** all fasteners for asphalt shingles must be made from galvanized or stainless steel, aluminum or copper. The length must penetrate at least 3/4 inch into your sheathing or through it if the sheathing is less than 3/4 inch thick. Nails shall have a head of 3/8 inch diameter or larger and have a shank of .105 inch or greater. The use of staples is not recommended. If you plan to use staples they must comply with the manufactures required minimum standard. All asphalt shingles require a minimum of 4 fasteners per shingle. In areas of high winds or on steep slopes, 6 or more fasteners may be required; consult your manufactures required minimum standard in this case for more information.

**Attic Ventilation;** your attic is likely already properly vented if your home was built in the last 20 years. As a general rule you will not suffer from an over ventilated attic. However, the effects of too little ventilation can be severe. All attic ventilators must be made of durable materials and be screened to prevent the entry of birds, rodents or insects. They must also be designed to prevent the entry of snow and water. Attic ventilators may never be installed as a termination point for an exhaust fan. Bath or kitchen exhaust must have an approved cover, which includes a back draft damper and screen.

**101 Development Resources, Inc.**

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## SAFETY FIRST!!!



When working on your roof, keep in mind these important points.

1. Know where the power lines attach to your home and be especially cautious when working around them. Some lines are protected by insulation but the connections may not be.
2. The underlayment can be very slippery. This can be more so when they are wet or frosty. If your roof is steep, use toe boards and fall protection to protect your self.
3. A ladder is probably the most dangerous piece of equipment you will use working on your home. Be sure it is long enough to extend past the edge of your roof and that it is set up on level stable ground. Do not use any ladder that has not been well maintained or is not in good condition.

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