



ROOFING CONTRACTORS  
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# TECHNICAL BULLETIN

March 17, 2021

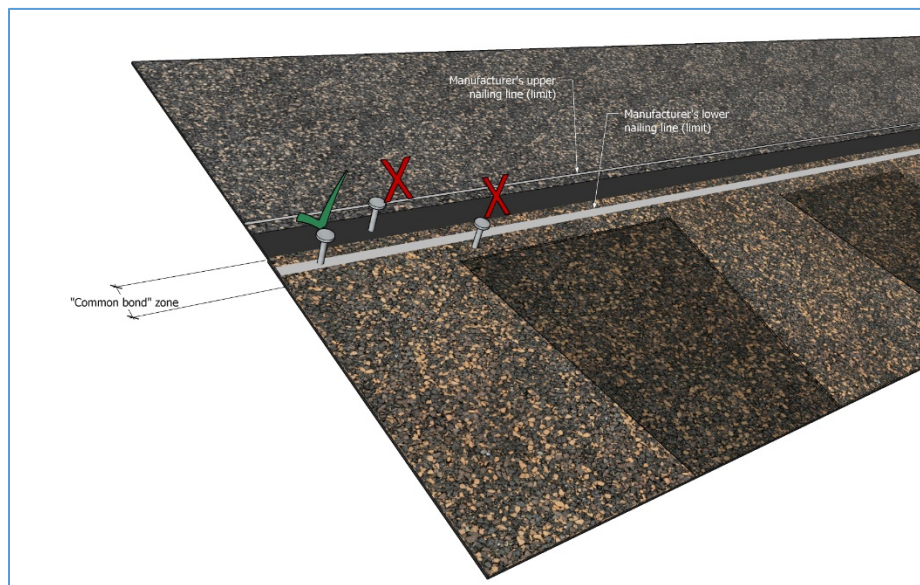
## Asphalt Shingles Securement

This bulletin addresses shingle securement so that every project can qualify for a **RoofStar Guarantee**.

### Guarantee Requirements

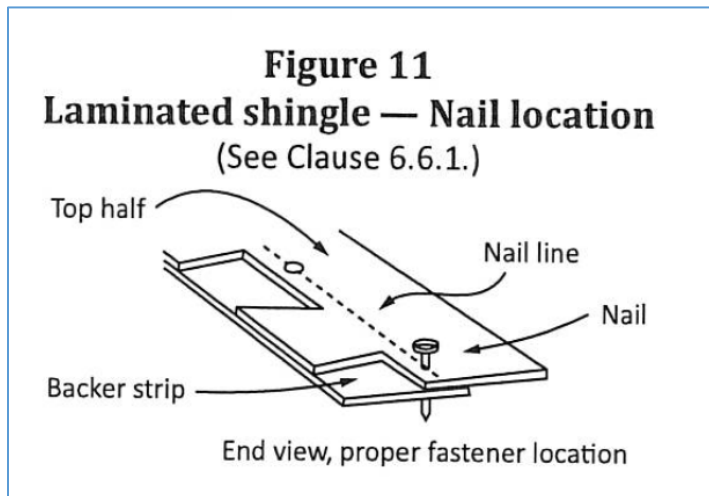
Asphalt Shingles that qualify for use in the **RoofStar Guarantee Program** must be manufactured to comply with CSA-A123.5 and must also exhibit a clearly marked fastening zone or line, which must be centred on the common bond area (**9.2 Materials**).

All asphalt shingles must be nailed within the shingle manufacturer's designated fastening zone or line (**3.3 Application**), which complies with CSA-A123.51 Asphalt Shingle Application. This requirement assumes a line or zone that is "centred on the common bond area" (the "common bond" is the portion of a laminated shingle where multiple layers are factory-bonded, typically above the cut-outs. See the illustration below).



Securing asphalt shingles through the common bond is a well-established RGC standard, and it is supported by the more recent CSA Standard for asphalt shingle application (CSA-A123.51):

“Proper nail location (e.g., through both layers of a laminated shingle – see Figure 11.) and proper driving of nails are critical factors in roof system wind resistance and overall roof performance.” The illustration affirms the explanatory note (**6.6 Nailing, 6.6.1 General**).



The reasoning behind the RGC requirement is simple: shingles stay put when they are nailed through the laminated region. Nails installed above the common bond risk shingle detachment and product failure.

#### Correct Nail Placement

The current **RoofStar Guarantee** requirements for nailing asphalt shingles remain unchanged: shingles must be nailed through the common bond, where the common bond corresponds to the marked fastening zone.

For more information about asphalt shingles and proper securement, contact the **RoofStar Guarantee Program** at [technical@rcabc.org](mailto:technical@rcabc.org).

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End of Bulletin