

IBHS Roofing Guidance



SHINGLE INSTALLATION ISSUES

Your roof is your first line of defense during severe weather, making its performance critical when Mother Nature strikes. IBHS research and field observations show there are common shingle installation issues that prevent a roof from properly performing during severe weather. Learn what to look for and how to prevent these issues:

What Does Your Warranty Cover?

Although the shingles carry a certain warranty, if they aren't installed correctly, it could void protection.



NAILING

✗ Crooked Nailing and Over/Underdriven Nails (or nails not penetrating the roof deck)



Crooked
Nails must penetrate the roof sheathing by 3/4-inch.



Overdriven
More susceptible to blow offs.



Underdriven
Loosely attached shingles.

✚ Correct Nailing



✗ Incorrect Nailing Pattern on Asphalt Shingle

- Too high: Susceptible to blow offs. Won't catch the shingle below it.
- Too low: Exposes nail to weathering.
- In the sealant strip: Compromises the ability for the shingle to seal properly.



SEALANT STRIP/EDGE DETAILS

✗ Debris in Sealant Strip

- Prevents the sealant strip from fully activating.

✗ No Drip-Edge Along Eave and Rakes

- Minimizes stability at roof edges.

✗ Shingle Layout is Incorrect (not to manufacturer's guidance)

- May lead to more blow offs and leaks.

✗ No Starter-Strip

- Decreased adhesive and seal down at the edge of the roof.



NOTE

Getting the roof right is an essential part of IBHS' FORTIFIED superior building standards program. To learn more about FORTIFIED Home™, please visit www.fortifiedhome.org.

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