

Reinke Shakes Snow Guards

Reinke Shakes Snow Guards are designed to minimize snow slides and avalanches off of roofs. Each snow guard can hold back in excess of 100 pounds in singular use, tested half way up on the guard. The snow guards can be stacked tightly together, held under the same screws, to increase capacity, adding 100 more pounds with the addition of each guard.

Reinke Shakes snow guards are 3 1/2 inch minimum width, double laminated .020 aluminum color-matched Kynar coated, formed metal.

Reinke Shakes recommends it's snow guards be attached by 4 screws penetrating 5/8 inch minimum into plywood or solid wood, resulting in a total of 7600 pounds of shear capacity.

Recommended fasteners: Metal Sales / Woodgrip type, Screws: Sharp Point assembled with Control Seal, and metal to wood drilling capacity: Self-drills through the metal shingles and taps into wood substrate. Large, aggressive thread design to provide superior resistance to strip-out, and superior performance in OSB, plywood, and 1x4" pine.

Fastener to have 1/4" hex washer head. Thread Major Dia: .219 – .215 Thread Minor Dia: .133 – .127 Strength (lbs ult.): Tensile: 2183 Torsional: 60 in-lbs min. Shear: 1946 These are minimum requirements.

1. The screws are to be placed two at the top and two at the bottom at the maximum distance apart that allows them to still penetrate the shingle on the top of the corrugations.
2. Snow guards are recommended to be placed 12 inches on center, side to side.
3. The first row is to be installed on the 3rd. row of shingles - top to be approx. 24 inches from the lower edge of the roof.
4. A second row is recommended to be installed on the 6th. row of shingles - top to be approx. 48 inches from the lower edge of the roof.
5. The second row should be staggered 6 inches to the side from the first row.
6. Each snow guard is to be placed on the upper portion of a shingle and up tight against lower edge of next higher row of shingles.
7. Attach top with 2 screws, at the maximum width that allows them to still penetrate the shingle on the top of the corrugations.
8. Adjust bottom so the snow slide contact surface is perpendicular to the roof, 90 degrees to the surface.
9. Attach bottom with 2 screws, at the maximum width that allows them to still penetrate the shingle on the top of the corrugations.

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