

SECTION 07 72 00 – ROOF ACCESSORIES

PEST ARMOR RIDGE VENT GUARDS — LOW PROFILE AND HIGH PROFILE

CSI Three-Part Guide Specification | Nixalite of America Inc. | October 2026

Specifier note: Edit bracketed selections and coordinate with roof assembly, ridge vent manufacturer, local code, and project drawings. This guide is not a certification of ventilation capacity or code compliance.

PART 1 – GENERAL

1.01 SUMMARY

A. Section includes formed metal mesh pest-exclusion guards installed at roof ridge vent openings, in Low Profile and High Profile configurations as indicated on Drawings.

B. Work includes guard sections, supplied mounting fasteners and sealing washers, cutting and fitting, and coordination with existing or new ridge vents and roof coverings.

1.02 RELATED REQUIREMENTS

- Section 07 31 13 – Asphalt Shingles, where applicable.
- Section 07 41 00 – Roof Panels, where applicable.
- Section 07 62 00 – Sheet Metal Flashing and Trim.
- Section 07 72 00 – Roof Accessories: ridge ventilation assemblies.

1.03 REFERENCES AND COORDINATION

A. Comply with applicable building codes, roof-covering manufacturer requirements, and ridge vent manufacturer installation instructions. Maintain required net free ventilation area and roof drainage provisions.

B. Do not treat the manufacturer's statement that mesh does not restrict airflow as a substitute for project-specific net free area verification.

1.04 ACTION SUBMITTALS

- Product data identifying selected profile, item number, length, woven mesh opening, metal substrate (coated galvanized steel or coated stainless steel), coating, and warranty.
- Shop drawings or annotated roof details showing locations, terminations, joints, and attachment substrates.
- Fastener and penetration-sealing details coordinated with roof and ridge vent manufacturers.
- Sample of coated woven metal mesh section in selected substrate when requested.

1.05 QUALITY ASSURANCE

A. Installer: Roofing or pest-exclusion contractor experienced with the project roof assembly and weatherproof attachments.

B. Field-verify vent profile, opening geometry, attachment conditions, and clearance before ordering or installing.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Deliver in original packaging. Store dry and protected from deformation, abrasion, and finish damage. Handle sections to avoid sharp edges and distortion.

1.07 WARRANTY

A. Manufacturer's published 7-year limited product warranty; obtain and submit current terms and exclusions. Do not imply a separate workmanship or watertightness warranty unless specifically provided.

PART 2 – PRODUCTS

2.01 MANUFACTURER

A. Basis of design: Pest Armor Ridge Vent Guard, distributed by Nixalite of America Inc., 1025 16th Avenue, East Moline, IL 61244; (309) 755-8771; www.nixalite.com.

B. Substitutions: [Not permitted] [Submit under Division 01 procedures]; demonstrate comparable woven mesh, selected metal substrate, coating, profile fit, fastening, and ventilation compatibility.

2.02 RIDGE VENT PEST-EXCLUSION GUARDS

A. Configuration: Factory-formed Z-profile mesh guard, profile selected to fit the installed ridge vent geometry; do not interchange Low and High Profile without field verification.

B. Mesh: 1/4-inch woven metal mesh; expanded metal mesh is not acceptable.

C. Metal substrate: [Coated galvanized steel] [Coated stainless steel], as selected for the project. Confirm available grades, wire gauge, and corrosion suitability with manufacturer; do not assume identical gauges for both materials.

D. Finish: Factory-applied protective coating on selected galvanized or stainless steel woven mesh; confirm color and coating specification in current manufacturer product data.

E. Function: Physical exclusion barrier intended to deter access by rodents, birds, squirrels, raccoons, bats, and certain insects; not a guarantee against every pest or every site condition.

F. Fasteners: Manufacturer-supplied black hex-head screws with sealing washers where included with selected model; verify suitability, length, galvanic compatibility, and penetration detail for project substrate.

G. Origin: Made in USA, as stated by manufacturer.

2.03 PROFILE AND MODEL SELECTION

Profile	48-inch sections	Extended sections
Low Profile	RALP1448B — 48 in.	RALP1491B — 91.5 in.
High Profile	RA1448B — 48 in.	RA1491B — 91 in.

A. Profile: [Low Profile] [High Profile] [As indicated on Drawings].

B. Section length: [48 inches] [Extended length shown above] [Combination to minimize joints].

C. Manufacturer lists products in carton quantities rather than individual strips; coordinate procurement quantities with distributor.

2.04 ACCESSORIES

A. Provide manufacturer-supplied screws and sealing washers and compatible supplementary corrosion-resistant fasteners or sealants only where approved for the roof assembly.

B. Do not use sealant as a substitute for mechanical attachment or to block intended ridge ventilation pathways.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Examine ridge vent installation, shingles or roof panels, substrate, flashing, and surrounding roof condition. Confirm that vents are securely installed and free of damage.

B. Verify profile height and width, installation clearances, attachment surfaces, and ventilation openings. Notify Architect of conditions preventing secure or weather-resistant installation.

3.02 PREPARATION

A. Remove loose debris and obstructions without damaging ridge vents or roof covering. Address existing pest occupancy and any legally required wildlife exclusion procedures before closing openings.

B. Protect adjacent roofing and finish surfaces. Coordinate cutting and fastening methods with roofing manufacturer.

3.03 INSTALLATION

A. Install continuous guard sections at locations indicated, following current written manufacturer instructions and approved project details.

B. Select Low or High Profile to fit ridge vent geometry without crushing, deforming, or obstructing the vent.

C. Align sections neatly and maintain continuous exclusion coverage at joints, ends, changes in plane, and transitions. Fit and overlap sections as required by approved manufacturer details; do not invent a fixed overlap dimension.

D. Mechanically attach using supplied black hex-head screws and sealing washers at manufacturer-approved locations and spacing. Coordinate fastener embedment, substrate and sealing with roofing manufacturer; do not penetrate concealed waterproofing without approved details.

E. Cut sections cleanly where necessary; remove burrs and metal debris. Repair coating damage only using manufacturer-approved method.

F. Keep ridge vent openings and designed air passages functional. Do not pack, caulk, or cover the ventilation path. Confirm net free ventilation area with project design criteria and vent manufacturer.

3.04 FIELD QUALITY CONTROL

A. Inspect installed guards for continuous coverage, secure attachments, tight and properly sealed penetrations, clean joints, and absence of roof-covering damage.

B. Correct gaps, loose fasteners, finish damage, or obstructions before acceptance.

3.05 CLEANING AND PROTECTION

A. Remove cuttings, fasteners, packaging, and debris from roof, gutters, and site. Protect completed work from subsequent trade damage.

B. Provide owner with manufacturer's published maintenance and warranty information.

END OF SECTION

Source basis: Nixalite Pest Armor Ridge Vent Guard product information and manufacturer clarification (October 2026): woven mesh available in coated galvanized steel or coated stainless steel. Verify current model numbers, coating details, and material-specific options prior to project issue.