

SECTION 07 72 00

SHINGLE OVER RIDGE VENTS

*****This is a CSI Three-Part Specification using CSI MasterFormat 2004-2010 Section Numbers and Titles. This specification must be edited to suit your particular project. Also, for your guidance in editing this master guide specification we have put in ****Notes**** below. You may then delete these notes once editing is completed. *****

*****This section is based on the Lomanco Incorporated line of roofing ventilation. For more information on Lomanco Inc. products and availability, or for the name of your local Lomanco, Inc. representative, contact us at the following: Lomanco, Incorporated, 2101 West Main Street, P.O. Box 519, Jacksonville, Arkansas 72076, 1-800-643-5593 phone, (501) 982-1258 fax; or visit our website at: www.lomanco.com.*****

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

- 1. Shingle over ridge vents. *****Note: exhaust vents must be used in conjunction with adequate intake vents for proper operation.*****
 - 2. Accessories.

- B. Related Sections:

*****Note: Coordinate sections listed below with actual project requirements. *****

- 1. Section 07 31 13 - Asphalt Shingles
 - 2. Section 07 60 00 - Sheet Metal Flashing and Trim
 - 3. Section 07 71 00 - Roof Specialties
 - 4. Section 07 90 00 - Joint Sealants

1.3 PERFORMANCE REQUIREMENTS

- A. General Performance: Ridge ventilation shall withstand exposure to weather and resist thermally induced movement without failure, rattling, leaking, or fastener disengagement due to defective manufacture, fabrication, installation, or other defects in construction.**

1.4 QUALITY ASSURANCE

- A. Certifications:**
 - 1. Passed Miami-Dade County test requirements for structural uplift and wind driven rain infiltration. Miami-Dade County Approved - NOA No.: 19-1217.03 expires 09/04/2023 for LOR-30 Lo-Omniroll; NOA No.: 16-0510.27 expires 08/16/2021 for OR-4 Omniridge.**
 - 2. Texas Department of Insurance “Windstorm” Approved - Product Evaluation Report No.: RV-34 for LOR-30 Lo-Omniroll; Report No.: RV-3 for OR-4 Omniridge.**

1.5 ACTION SUBMITTALS

- A. Product Data: For ridge vent indicated.**
- B. Sample: For type of ridge vent specified; 12” long sample.**

1.6 INFORMATIONAL SUBMITTALS

- A. Coordination Drawings: Roof plans, drawn to scale, and coordinating penetrations and roof-mounted items. Show the following:**
 - 1. Size and location of ridge vents specified in this Section.**
 - 2. Method of attaching ridge vent to roof structure.**
 - 3. Other roof mounted items including mechanical and electrical equipment, ductwork, piping, and conduit.**

1.7 DELIVERY, STORAGE AND HANDLING

- A. Store materials in a dry, well-ventilated, weathertight place.**

1.8 COORDINATION

****Note: Coordinate with your project roofing requirements. ****

- A. Coordinate layout and installation of ridge vent with roofing membrane and base flashing and interfacing and adjoining construction to provide a leakproof, weathertight, secure, and noncorrosive installation.
- B. Coordinate dimensions with rough-in information or Shop Drawings of equipment to be supported.

1.9 WARRANTY

- A. Manufacturer's standard limited lifetime warranty against defects in manufacturer's materials and workmanship.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Basis of Design: Lomanco Incorporated, 2101 West Main Street, P.O. Box 519, Jacksonville, Arkansas 72076, 1-800-643-5593 phone, (501) 982-1258 fax, www.lomanco.com is specified.

2.2 SHINGLE-OVER RIDGE VENT:

****Note: Select shingle over ridge vent type required for project conditions below. ****

- A. Model "OR-4 Omniridge Shingle Over Ridge Vent".
 - 1. Description: UV stabilized, high impact, custom blended co-polymer, injection molded plastic roll out ridge vent with exterior venturi baffle with perpendicular omni baffles, internal aerodynamic curved baffles, molded end plugs, weather proof underlapping connection with alignment tabs, watersheild at the louvers, and fully supported nail holes. Molded nailing lines for cap shingles. For use with 12" cap shingles. Molded in 4 foot sections. Adjustable to roof pitches from 2/12 to 16/12; color available: Black only.
 - 2. Net Free Area: 18 square inches per linear foot. (72 square inches per 4 foot part.)
 - 3. Thickness: 1".

A. Model “LOR-30 Lo-Omniroll Shingle Over Ridge Vent”.

- 1. Description: UV stabilized, high impact, custom blended co-polymer with elastomer, injection molded plastic roll out ridge vent with convoluted exterior venturi baffle with perpendicular omni baffles, internal aerodynamic curved baffles, molded end plugs at every foot, fully supported nail holes, and molded cut lines every foot. Part may be cut at every foot to eliminate scrap. Molded nailing lines for cap shingles. For use with 12” cap shingles. Molded in 5 foot sections, with 6 sections heat-welded together to form a 30 foot roll. Adjustable to roof pitches from 2/12 to 16/12; color available: Black only.**
- 2. Net Free Area: 11 square inches per linear foot. (330 square inches per 30 foot roll.)**
- 3. Thickness: 5/8”.**

2.3 ACCESSORIES:

- A. Fasteners: Manufacturer’s standard fasteners. Fasten in accordance to manufacturer’s written instructions.**

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, to verify actual locations, dimensions, and other conditions affecting performance of the Work.**
- B. Verify that substrate is sound, dry, and securely anchored.**
- C. Proceed with installation only after unsatisfactory conditions have been corrected.**

3.2 INSTALLATION

- A. General: Install ridge vents according to manufacturer's written instructions.**
- B. Ridge Vents: Install continuous ridge vents over asphalt shingles according to manufacturer's written instructions. Fasten with roofing nails of sufficient length to penetrate sheathing.**

END OF SECTION