PART 1 - GENERAL

1.1 SUMMARY

A. Products Supplied But Not Installed Under This Section:
   1. Ridge vents.

B. Related Sections:
   1. Section 07 3113: Installation.

1.2 REFERENCES

A. American Society For Testing And Materials:
   1. ASTM A 653-002a, ‘Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.’

1.3 SUBMITTALS

A. Quality Assurance / Control: Manufacturer's design details and published installation instructions.

PART 2 - PRODUCTS

2.1 FABRICATION

A. Type One Acceptable Fabricators:
   2. MBCI, Salt Lake City, UT  (801) 530-4975.
   3. Smart Enterprises, St George, UT  (800) 658-5368 or (435) 628-1843.
   5. Tricon Inc, Orem, UT  (888) 565-9455 or (801) 765-9455.
   7. Western Metal Products L.C., Woods Cross, UT  (888) 298-3454 or (801) 298-5880.
   8. Other shop fabricated or manufactured product approved by Architect before bidding. See Section 01 6000.

B. Fabricated of 24 ga 0.635 mm minimum, hot-dipped galvanized to meet requirements of ASTM A 653, 1.25 oz/sq ft or galvalume meeting requirements of ASTM A 792 AZ50, 50 ksi or 0.032 inch 0.813 mm thick aluminum minimum, with edges returned or hemmed. Provide one inch high minimum hemmed baffle at downslope edge of skirt.

C. Design to include two-inch thick minimum polyethylene vent core providing 20 sq in NFVA minimum.
   1. Category Four Approved Products:
      a. Two layers V-600T by Cor-A-Vent www.cor-a-vent.com
      b. Two layers High Profile Rigid Vent PLUS 62406 TV-400 by Trimline www.trimline-products.com
D. Skirts and ridge cap connected through vent core with painted 1/4 by 1-1/2 inch 6 mm by 38 mm Type A corrosion resistant screws with neoprene washers 8 inches 200 mm on center each skirt.

E. Accessories: End plugs, splice plates, seal tape, straps, fasteners, and other accessories necessary for proper installation.

2.2 FINISHES

A. Exposed Side:
   1. Polyvinyledeene Fluoride (PVF₂) Resin-base finish (Kynar 500 or Hylar 5000) for coil coating components containing 70 percent minimum PVF₂ in resin portion of formula. Thermo-cured two coat system consisting of corrosion inhibiting epoxy primer and top coat factory applied over properly pre-treated metal.
   2. Color as selected by Architect from Manufacturer's standard colors.

B. Reverse Side: Coating shall pass requirements of paragraphs 1.1 through 1.4 of Test Method No. 6.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install in accordance with Manufacturer's installation instructions as approved by Architect and as follows:
   1. Install assembled ridge vent over shingles in bed of asphalt plastic cement with painted 1/4 inch by one inch 6 mm by 25 mm Type 'A' corrosion resistant screws with neoprene washers 8 inches 200 mm on center each side of vent.
   2. Join ridge vent units with screws, neoprene washers, splice plates, and tape sealant.

END OF SECTION