



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: DAN'S CUSTOM SHEET METAL, INC.
5700 Washington Street
Naples, FL 34109
(239) 594-0530
<http://www.dcsm.net>

Issued September 13, 2023

Manufacturing Plant: Naples, FL

Quality Assurance: Architectural Testing, Inc., an Intertek Company (QUA1844)

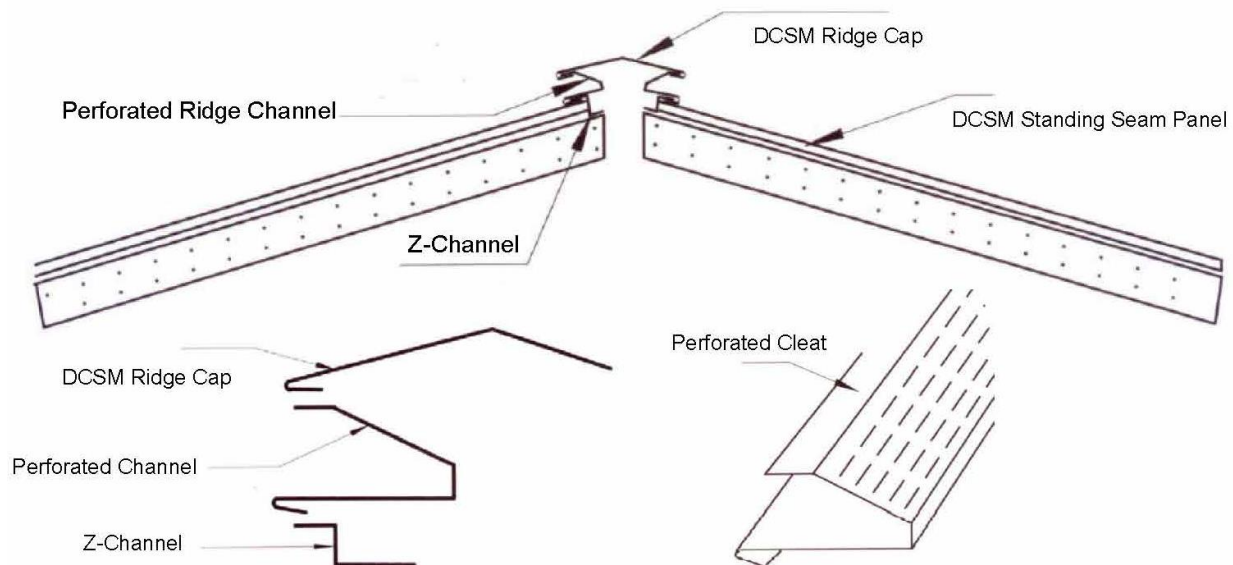
SCOPE

Category: Roofing
Subcategory: Roofing Accessories that are an Integral Part of the Roofing System
Code Sections: 1503.5, 1709.2
Properties: Roof Ventilation

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	DCSM-018-02-01	ASTM E 330	2014
PRI Construction Materials Technologies (TST5878)	DCSM-018-02-02	ASTM E 330	2014
PRI Construction Materials Technologies (TST5878)	DCSM-019-02-01	ICC-ES AC132	2010

PRODUCT DESCRIPTION AND APPLICATION





DCSM 26 ga. Ridge Vent	Minimum 26 ga. ASTM A792 AZ55 steel (F_y = min. 40 ksi) with optional Kynar 500 finish. Three (3) piece assembly (two perforated cleats and the DSCM Ridge Cap); Available in continuous lengths of ridge or 10-ft lengths. For use with 5V Crimp metal roofing; Material shall conform with FBC Section 1507.4.3.
Deck Type:	Minimum 15/32-inch 32/16 span rated, 4-ply, CDX plywood sheathing or wood plank for new and existing roof deck (Deck shall be designed by others in accordance with FBC requirements).
Attachment Method:	The perforated cleats are centered over the ridge slot and attached with <u>#9-15 HWH wood screws with sealing washers</u> having sufficient length to penetrate through the sheathing a minimum of 3/8-inch. The fasteners shall be located 12-inches o.c. on either side of the ridge slot. The DSCM Ridge Cap is then installed onto the cleats. Install metal roof system in accordance with the FBC and manufacturer's instructions. Fasteners must be corrosion resistant in accordance with section 1506.6.
Allowable Roof Coverings:	5V Crimp metal roofing
Maximum Design Pressure:	-97.5 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9.</i>
DCSM 24 ga. Ridge Vent	Minimum 26 ga. ASTM A792 AZ55 steel (F_y = min. 50 ksi) with optional Kynar 500 finish. Five (5) piece assembly (two Z-channels, two perforated cleats and the DSCM Ridge Cap); Available in continuous lengths of ridge or 10-ft lengths. For use with 5V Crimp metal roofing; Material shall conform with FBC Section 1507.4.3.
Deck Type:	Minimum 15/32-inch 32/16 span rated, 4-ply, CDX plywood sheathing or wood plank for new and existing roof deck (Deck shall be designed by others in accordance with FBC requirements).
Attachment Method:	The Z-Channels are centered over the ridge slot and attached with <u>#10-12 PH wood screws with sealing washers</u> having sufficient length to penetrate through the sheathing a minimum of 3/8-inch. The fasteners shall be located 8-inches o.c. on either side of the ridge slot. The perforated cleat is engaged onto the Z-channel. The DSCM Ridge Cap is then installed onto the cleats. Install metal roof system in accordance with the FBC and manufacturer's instructions. Fasteners must be corrosion resistant in accordance with section 1506.6.
Allowable Roof Coverings:	Standing seam metal roofing
Maximum Design Pressure:	-90 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9.</i>

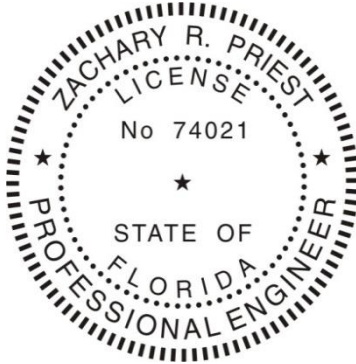
LIMITATIONS

- 1) This report is not for use in the HVHZ.
- 2) Fire Classification is outside the scope of this evaluation.
- 3) The roof deck and deck attachment shall be designed by others in accordance with the FBC.
- 4) Vent shall be installed in strict compliance with this evaluation report and the manufacturer's published installation instructions. In the event of conflict, the more restrictive installation shall be enforced.
- 5) Deck substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the deck shall be checked for protrusion prior to installation.
- 6) Installation of the roof assembly is outside the scope of this evaluation.
- 7) Vent is intended to provide passive ventilation for an enclosed attic in residential construction applications
- 8) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.



COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 8th Edition (2023) as evidenced in the referenced documents submitted by the named manufacturer.



This item has been
digitally signed and
sealed by Zachary R.
Priest, PE, on 9/13/2023.

Printed copies of this
document are not
considered signed and
sealed and the signature
must be verified on any
electronic copies.

Zachary R. Priest, P.E.
Florida Registration No. 74021
Organization No. ANE9641

CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

END OF REPORT