



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Scandinavian Profiling System, Inc.
5449 Maule Way
West Palm Beach, FL 33407**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Nordman Tile

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This consists of pages 1 through 6.

The submitted documentation was reviewed by Frank Zuloaga, RRC



**NOA No.: 02-0523.02
Expiration Date: 06/27/07
Approval Date: 06/27/02
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ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Non-Structural Metal Panels
Material: Steel
Maximum Design Pressure: -127.5 psf
Fire Classification Pressure: See General limitation #1

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Nordman™ Panel	Length: 50' max Width: 44-1/4" Min. thickness: .0336	TAS 110	Hot dipped galvanized (G-90) Kynar or PVC coated steel, clay-tile-look roofing panels.
Trim pieces	Length: varies Width: varies	TAS 110	Galvanized (G-90) Kynar or PVC coated.
HYLAR 5000™/KYNAR 500	N/A	TAS 110	Corrosion resistant fluorocarbon coating.
PLASTISOL	N/A	TAS 110	Corrosion resistant Polyvinyl Chloride (PVC) coating.

TRADE NAMES OF PRODUCTS MANUFACTURED OTHERS

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>	<u>Manufacturer</u>
Pop Rivets	#8	TAS 114 Appendix E	Corrosion Resistant, standard steel pop rivets	Generic (With current NOA)
Self Drilling Screws	#12	TAS 114 Appendix E	Corrosion resistant, standard sheet metal screws, with metal and neoprene sealing washers.	Olympic Fasteners (With current NOA)
Fire Barrier Board ("Dens Deck")	min. 1/4" thick	N/A	Fire barrier over-layment board for installation of metal panels. For Class 'A' fire rating.	Georgia-Pacific (With current NOA)
Sealant	N/A	N/A	Sealant for use at foam closure strip.	Generic (With current NOA)
INSTA-STIK	N/A	N/A	A single component moisture curing urethane foam adhesive designed to adhere various roof insulations to other insulations, to a concrete substrate, and to properly prepared build-up roof coverings.	Dow Chemical (With current NOA)



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EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Underwriter Laboratories, Inc.	98RT4631	UL 580	June 1998
Center For Applied Engineering	MTS 257847A	TAS 100	Nov. 1996
The Valspar Corporation	9519-92	Physical Properties PA-110 ASTM G 23	Dec. 1993
The Valspar Corporation	Salt Spray Testing	Physical Properties TAS 110 ASTM B 117 ASTM E-8	Dec. 1993
Metallurgical, Inc.	9EM-1282	ASTM E-8	June 1999
Hurricane Test Laboratory, Inc.	0197-0517-99	TAS 125	May 1999



APPROVED ASSEMBLIES:

System: A:	Nordman™ Tile
Deck Type:	18-22 ga. Steel
Deck Description:	Type B galvanized (G60) grade 33 steel deck shall be secured 6" o.c. to structural supports spaced a maximum of 5 ft on centers with screws.
Slope Range:	2": 12" or greater
Maximum Uplift Pressure:	The maximum allowable design pressure for system A shall be -127.5 psf .
Deck Attachment:	In accordance with applicable building code, but in no case it shall be less than #12-14 x ¼ in. hex head, self drilling, self tapping screw spaced at 6" o.c.
Underlayment:	One or more layers of Product Control Approved self-adhered underlayment with a 4" overlap is fully adhered to Dens deck.
Valleys:	Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with Scandinavian Profiling Systems, Inc current published installed instructions.
Fire Barrier Board:	For class A or B fire rating, install minimum ¼" thick Georgia Pacific "dens Deck" (with current NOA) or minimum 4 mm thick of Tritex, RockRoof (with current NOA) or 5/8" water resistance type X gypsum sheathing with treated core and fastener.
Metal Panels and Accessories:	<p>Install the Nordman Tile™ Panel, Nordman Elite Tile™ and accessories in compliance with Scandinavian Profiling Systems Inc. current published installation instructions and details. Flashing, penetrations, valley construction and other details shall be constructed in compliance with the minimum requirements provided in Roofing Application Standard RAS 133.</p> <p>Panel fasteners shall be a #12 self drilling, self tapping, hex head screws with a two part metal and neoprene washer of sufficient length to penetrate through bottom flute a minimum of ¾ inch. Fastener shall have a color match cap.</p> <p>Fasteners shall be installed at a tile valley of each vertical step at all side laps, at the tile valley of each horizontal tile step along eave & ridge, and at the tile valley of every other horizontal tile step in the field of each panel. This leads to 7 fasteners per panel width along the eave & ridge and 4 fasteners per panel width in the field of the panel.</p>

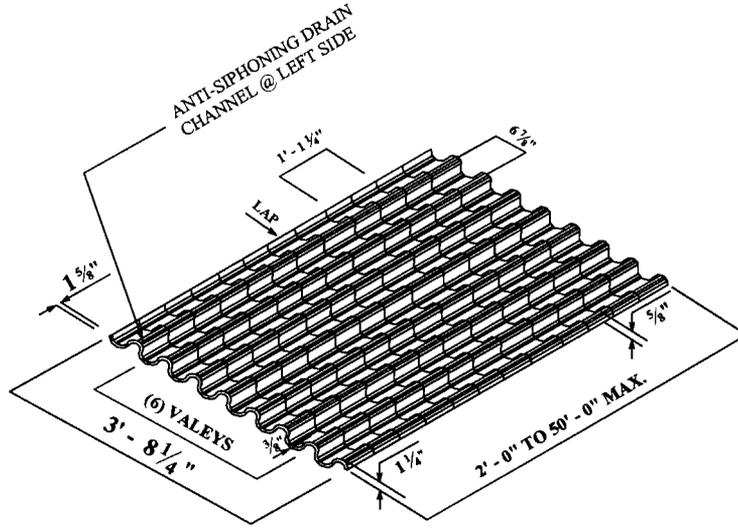


SYSTEM LIMITATIONS

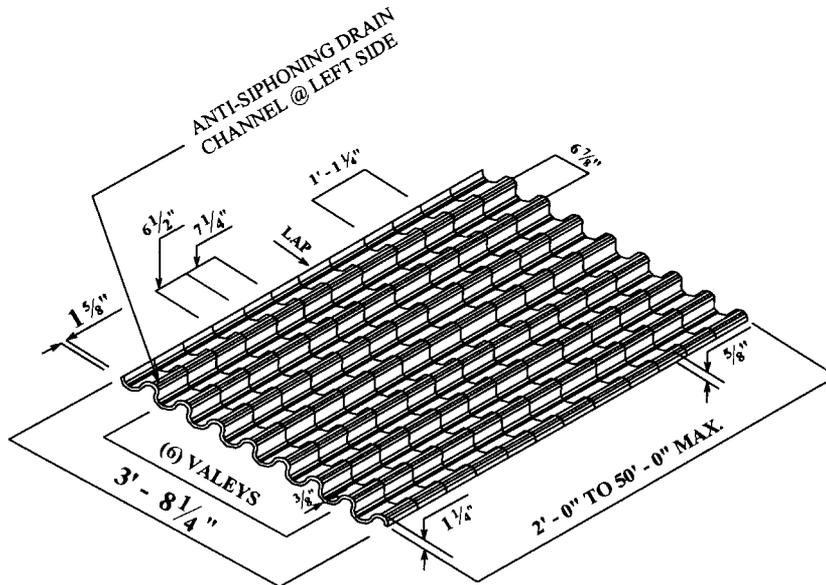
1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. The maximum uplift pressures listed herein should meet or exceed the design pressures for the field, areas of the roof as determined by applicable building code. Increased design pressures at perimeter and corner areas may be met through rational analysis by increasing the number of attachment points in these areas. All rational analysis computations shall be conducted signed and sealed by a Registered Architect, Professional Engineer or Registered Roof Consultant.
3. All panels shall be permanently labeled with the manufacturer's name or logo, city, state, and the following statement: "Miami Dade County Product Control Approved"



PROFILE DRAWINGS



NORDMAN TILE



NORDMN ELITE TILE

END OF THIS ACCEPTANCE

