



**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)

**Duro-Last Roofing, Inc.
525 Morley Drive
Saginaw, MI 48601**

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Duro-Last Liquid Auger Fastener

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 NOA consists of pages 1 through 3.

The submitted documentation was reviewed by Jorge L. Acebo



**NOA No.: 05-1109.03
Expiration Date: 03/09/11
Approval Date: 03/09/06
Page 1 of 3**

ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Roofing Fastener
Material: Nylon/Fiberglass

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Liquid Auger Fastener	Various	TAS 117	Nylon and fiberglass fastener/plate system

EVIDENCE SUBMITTED:

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Exterior Research & Design, LLC	TAS 117	02742.10.05	10/12/05

Withdrawal Resistance Performance – TAS 117(A) – Static Load (2:1 Margin of Safety applied)		
Fastener	Deck Type	Withdrawal (lbf)
Duro-Last Liquid Auger Fastener	Cementitious Wood Fiber	248
	Gypsum	324
	Cellular LWC	143

Withdrawal Resistance Performance – TAS 117(A) – Pulsating Load (2:1 Margin of Safety applied)		
Fastener	Deck Type	Withdrawal (lbf)
Duro-Last Liquid Auger Fastener	Cementitious Wood Fiber	215
	Gypsum	276
	Cellular LWC	117

Rupture Performance – TAS 117(B) –Duro-Last Membrane – (2:1 Margin of Safety applied)		
Fastener	Membrane	Rupture (lbf)
Duro-Last Liquid Auger Fastener	Duro-Last Membrane (min 40-mil thick)	84



NOA No.: 05-1109.03
 Expiration Date: 03/09/11
 Approval Date: 03/09/06
 Page 2 of 3

APPROVED APPLICATIONS:

Tradename: Duro-Last Liquid Auger Fastener

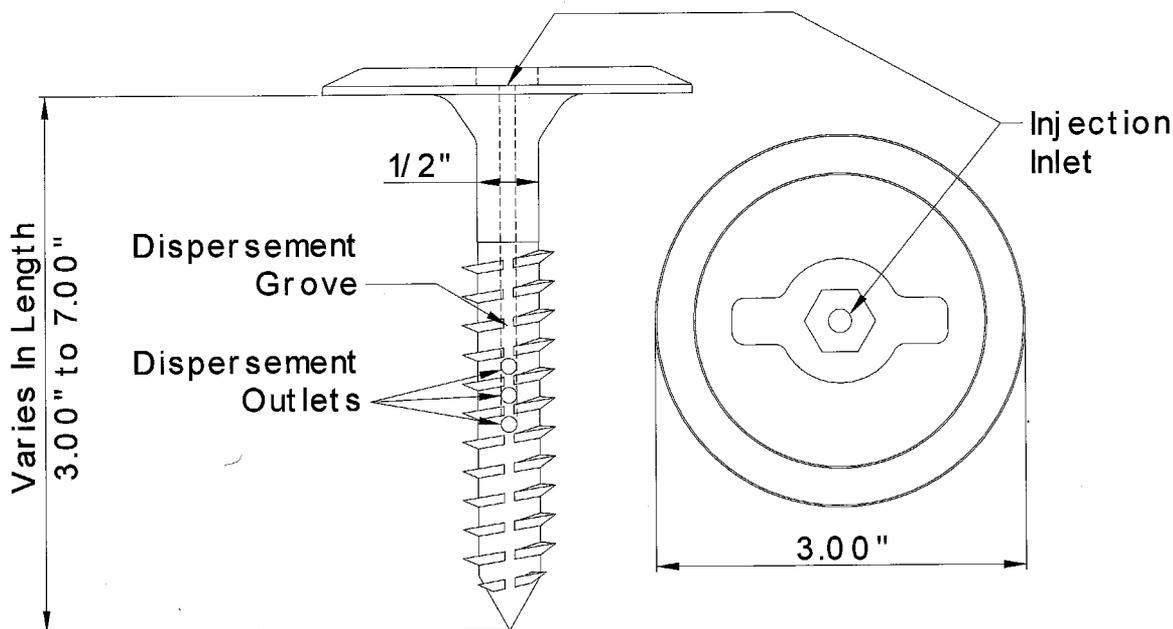
Application : Mechanical attachment of roof coverboard or Duro-Last Membrane. Fastener must penetrate into deck a minimum of 2". See specific Roof System Product Control Notice of Acceptance for fastener density and approved attachment patterns.

Installation into Cementitious Wood Fiber decking does not require a pilot hole. A minimum of 10 cc of epoxy adhesive is injected into the fastener shank.

Installation into Poured Gypsum to take place 28 days after initial pour and requires a 7/16" – 9/16" diameter pilot hole. A minimum of 5 cc of epoxy adhesive is injected into the fastener shank.

Installation into minimum 200 psi Cellular Lightweight Concrete to take place on 3 days after initial pour and requires a 7/16" – 9/16" diameter pilot hole. A minimum of 5 cc of epoxy adhesive is injected into the fastener shank.

Deck: Cementitious Wood Fiber, Poured Gypsum, Cellular Lightweight Insulating Concrete (min 200 psi)



END OF THIS ACCEPTANCE



NOA No.: 05-1109.03
Expiration Date: 03/09/11
Approval Date: 03/09/06
Page 3 of 3