



**EXTERIOR RESEARCH & DESIGN, LLC.**

*Certificate of Authorization #9503*

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**EVALUATION REPORT**

**Mule-Hide Products Co., Inc.**

1195 Prince Hall Drive

Beloit, WI 53511

**Evaluation Report 12045.06.16**

**FL8262-R6**

**Date of Issuance: 06/16/2016**

**SCOPE:**

This Evaluation Report is issued under Rule 61G20-3 and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The product described herein has been evaluated for compliance with the 5<sup>th</sup> Edition (2014) Florida Building Code (non-HVHZ and HVHZ) sections noted herein.

**DESCRIPTION: Mule-Hide A-300 Finish**

**LABELING:** Labeling shall be in accordance with the requirements the Accredited Quality Assurance Agency noted herein.

**CONTINUED COMPLIANCE:** This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance documentation changes, or provisions of the Code that relate to the product change. Acceptance of this Evaluation Report by the named client constitutes agreement to notify Robert Nieminen, P.E. if the product changes or the referenced Quality Assurance documentation changes. Trinity|ERD requires a complete review of this Evaluation Report relative to updated Code requirements with each Code Cycle.

**ADVERTISEMENT:** The Evaluation Report number preceded by the words "Trinity | ERD Evaluated" may be displayed in advertising literature. If any portion of the Evaluation Report is displayed, then it shall be done in its entirety.

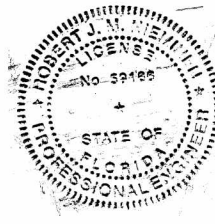
**INSPECTION:** Upon request, a copy of this entire Evaluation Report shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This Evaluation Report consists of pages 1 through 3.

**Prepared by:**

**Robert J.M. Nieminen, P.E.**

*Florida Registration No. 59166, Florida DCA ANE1983*



The facsimile seal appearing was authorized by Robert Nieminen, P.E. on 06/15/2016. This does not serve as an electronically signed document. Signed, sealed hardcopies have been transmitted to the Product Approval Administrator and to the named client

**CERTIFICATION OF INDEPENDENCE:**

1. Exterior Research & Design, LLC. d/b/a Trinity | ERD does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. Exterior Research & Design, LLC. d/b/a Trinity | ERD is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the evaluation reports are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither Trinity|ERD nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

**ROOFING COMPONENT EVALUATION:**

**1. SCOPE:**

**Product Category:** Roofing

**Sub-Category:** Cements – Adhesives - Coatings

**Compliance Statement:** **Mule-Hide A-300 Finish**, as outlined herein and produced by **Mule-Hide Products Co., Inc.**, has demonstrated compliance with the Florida Building Code (non-HVHZ and HVHZ) through testing in accordance with the Standards set forth herein. Compliance is subject to the Installation Requirements and Limitations / Conditions of Use set forth herein.

**2. STANDARDS:**

<u>Section</u>	<u>Property</u>	<u>Standard</u>	<u>Year</u>
1507.10.2, 1523.6.5.2.12.2	Physical Properties	ASTM D6083	2005

**3. REFERENCES:**

<u>Entity</u>	<u>Examination</u>	<u>Reference</u>	<u>Date</u>
Miami-Dade (CER1592)	HVHZ compliance	15-0616.04	10/29/2015
PRI (TST 5878)	Physical Properties	RMLC-011-02-01	06/22/2009
UL, LLC. (QUA9625)	Quality Assurance	MLA	06/15/2016
UL, LLC. (QUA9625)	Quality Assurance	Service Confirmation	Exp. 12/10/2018

**4. PRODUCT DESCRIPTION:**

<u>Product</u>	<u>Specification</u>	<u>Use</u>
Mule-Hide A-300 Finish	ASTM D6083	Restorative Coating
Mule-Hide A-125 Metal Roof Primer	N/A	Primer

**5. LIMITATIONS:**

- 5.1 This is a building code evaluation. Neither Trinity|ERD nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.
- 5.2 Fire classification is not part of this Evaluation Report. Refer to a current Roofing Materials directory for fire classifications of roof assemblies using the components outlined herein.
- 5.3 The products listed herein are components of roof assemblies and are approved with use with roof assemblies that list any of the products as part of Product Approval documentation or as restoration components for existing roof systems. If a product is not listed in a roof assembly's Product Approval documentation, this Evaluation Report, coupled with fire resistance data to the satisfaction of the AHJ, may be used for compliance documentation.
- 5.4 **Mule-Hide A-300 Finish** is applicable for use over substrates note in Section 6, and shall not be used atop prepared roofing; i.e., asphalt shingles, fiber-cement shingles, slate, tile, wood shingles or shakes.
- 5.5 All products listed herein shall have quality assurance audit in accordance with F.A.C. Rule 61G20-3 requirements.

**6. INSTALLATION:**

- 6.1 **Mule-Hide A-300 Finish** shall be installed in accordance with **Mule-Hide Products Co., Inc.** published installation instructions, subject to the Limitations in Section 5.

6.2 Surface Preparation:

Prepare all surfaces in accordance with **Mule-Hide Products Co., Inc.** published requirements.

Metal: Metal surfaces shall be clean and dry with all rusted areas primed with Mule-Hide A-125.

PVC: PVC shall be existing. Contact Mule-Hide for minimum exposure duration requirements. PVC shall be cleaned by pressure washing with water and TSP (or alternate acceptable to Mule-Hide Products Co., Inc.), allowing to dry completely.

6.3 Prime the prepared existing roof surface as specified within the applicable application table below.

6.4 Mule-Hide recommends a minimum 12-hours / maximum 72-hours cure time between coats. The product should be sufficiently dry that foot traffic will not damage the coating.

TABLE 1: SUBSTRATES & APPLICATION RATES					
MULE-HIDE A-300 FINISH					
Substrate	Primer		Product	Rate (gal/sq.)	
	Product	Rate (gal/sq.)		Base Coat	Top Coat(s)
Concrete	None	N/A	Mule-Hide A-300 Finish	1.25	1.25
Galvanized Metal	(Optional) Mule-Hide A-125	0.5	Mule-Hide A-300 Finish	None	2.0
				1.5	1.5
Single Ply, PVC	None	N/A	Mule-Hide A-300 Finish	1.0 – 1.5	1.0 – 1.5

7. **BUILDING PERMIT REQUIREMENTS:**

As required by the Building Official or Authority Having Jurisdiction in order to properly evaluate the installation of this product.

8. **MANUFACTURING PLANTS:**

Alsip, IL

9. **QUALITY ASSURANCE ENTITY:**

UL, LLC. – QUA9625; (414) 248-6409

**- END OF EVALUATION REPORT -**