MIAMI-DADE

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)

Mule-Hide Products Co., Inc.
1195 Prince Hall Drive
Beloit, WI 53511

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 and the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Mule-Hide Asphalt Maintenance Products

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 renews NOA No. 05-1004.10 and consists of pages 1 through 6.
The submitted documentation was reviewed by Jorge L. Acebo.

ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Cements and Coatings
Fire Classification: See General Limitation #1

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
Center for Applied Engineering	Project: 07-07-00-84	ASTM D 1227	06/30/94
PRI Asphalt Technologies Inc.	# 9977	ASTM D 962	06/10/94
	# AC-30	ASTM D 449	06/09/94
	# B4606BD1	ASTM D 4479	06/08/94
	# B4D14BDD	ASTM D 3019 Type III	04/20/94
	# B4D18BCC	ASTM D 3019 Type III	04/20/94
	# B4F22CEB	ASTM D 4586 ASTM D 3509	06/23/94
	# K4C30CE11	ASTM D 4586 ASTM D 3409	06/08/94
	# 1721	ASTM D 4586	06/15/94
	# B4D5CDE	ASTM D 4586	04/20/94
	# B4E09CDE	ASTM D 4586	06/15/94
	# B4F21CEH	ASTM D 4586	06/21/94
	# B4D14CEA	ASTM D 4586	04/20/94
	## K4C30CE11	ASTM D 3409	06/21/94
	# B4D14CEG	ASTM D 4586	04/20/94
	# B4C24DCB	ASTM D 2824 Type III	04/20/94
	# B4D21CEB	ASTM D 2824 Type III	06/08/94
	# B4D07DEO	ASTM D 2824 Type III	06/08/94
	# B4F08ECB	ASTM D 2824 Type I	06/08/94
	# B4F1JAC	ASTM D 41	06/21/94
	# B5H4CFD C-64	ASTM D 4586 ASTM D 3409	08/09/95
	HGC-010-02-01	ASTM D 3019 Type III	09/14/01
	HGC-010-02-04	ASTM D 3747	09/14/01
	HGC-010-02-03	ASTM D 2824	09/14/01
	HGC-04-02-10	PA 139	04/13/00
	HGC-07-02-01	ASTM D 2824	08/15/00
	HGC-05-02-02	TAS 110/ASTM 2824	05/01/00
	HGC-04-02-04	TAS 110/ASTM D 4586	04/13/00
	HGC-04-02-01	TAS 140	04/06/01
	HGC-07-02-01	ASTM D 2824 Type I	08/15/00
	HGC-04-02-07	TAS 110/ASTM D 4479	04/13/01
	HGC-04-02-01	TAS 110/ASTM D 4586	04/13/00
	HGC-04-02-02	ASTM D 3019	11/26/01
	HGC-018-02-01	TAS 110/ASTM D 4586	02/29/03
	HGC-019-02-01	TAS 110/ASTM D 4586	03/06/03

PHYSICAL PROPERTIES OF COMPONENTS:

Trade name:	**Mule-Hide Asphalt Primer**
Thickness:	See Systems Approvals Below.
Specifications:	ASTM D 41
Description:	A thin penetrating solution of selected asphalt base in petroleum solvent.
	Note: Not to be used for APP modified bitumen cap sheet torch applied products with polyethylene backing.
Container Size:	1, 5, 55 gallons. Note all precautions on container.
Systems Approvals:	For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name:	**Mule-Hide Flashing Cement**
Thickness:	See Systems Approvals Below.
Specifications:	ASTM D 4586 type I
Description:	A mastic compound for use as a roof flashing adhesive. Apply with trowel at a thickness of $^1/_{16}$" to $^1/_8$". In cold weather, keep container in a warm area for at least 24 hours before applying.
Container Size:	1, 5, 55 gallons. Note all precautions on container.
Systems Approvals:	For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade name:	**Mule-Hide Mod Bit Flashing Adhesive**
Thickness:	See Systems Approvals Below.
Specifications:	ASTM D 4586 type I
Description:	A fibrated rubberized cement for use as a flashing cement for modified bitumen membranes. Store in a warm area at least 24 hours before using. Apply by trowel to a thickness of 1/8" or greater to all surfaces to be treated.
	Note: Do not use with modified bitumen single ply products with polyethylene backing or with APP modified products.
Container Size:	1, 5, 55 gallons; 11 oz. tube. Note all precautions on container.
Systems Approvals:	For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name:	**Mule-Hide Premium Non-Fibrated Aluminum**
Thickness:	75-300 sq. ft./gallon.
Specifications:	ASTM D 2824 type I
Description:	Asphalt and metallic aluminum pigmented roof coating.
Container Size:	1, 5, 55 gallons. Note all precautions on container.
Systems Approvals:	For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name:	**Mule-Hide Non-Fibrated Emulsion**
Thickness:	See Systems Approvals Below.
Specifications:	ASTM D 1266 type III
Description:	Asphalt base, Unfibered clay emulsion. Apply with soft bristle brush or spray equipment at a rate of 3 gal./sq. in two coats.
Container Size:	1, 5, 55 gallons. Note all precautions on container.
Systems Approvals:	For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name:	**Mule-Hide Plastic Cement**
Thickness:	See Systems Approvals Below.
Specifications:	ASTM D 4586
Description:	Mastic compound of asphalt, organic fibers and mineral fillers for use as an adhesive and patching compound. Apply with a trowel at a minimum rate of 3/8" to 1/2" thick.
Container Size:	1 quart, 1, 5, 55 gallons. Note all precautions on container.
Systems Approvals:	For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name:	**Mule-Hide Fibrated Roof Coating**
Thickness:	See Systems Approvals Below.
Specifications:	ASTM D 4479 type I
Description:	Cutback asphalt coating reinforced with organic fibers. Apply with a soft bristle brush or spray equipment at a rate of 2 gal./sq. (application rate may vary, depending on the porosity and roughness of surface).
Container Size:	1, 5, 55 gallons. Note all precautions on container.
Systems Approvals:	For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name:	**Mule-Hide Mod Bit Adhesive Brush Grade**
Thickness:	1.5 – 2.0 gallons per square for modified bitumen assemblies, 2.0 – 3 gallons per square for BUR assemblies.
Specifications:	ASTM D 3019, Type III
Description:	SBS rubber modified, high solids, waterproofing roofing adhesive. Apply with notched squeegee or spray application at 30 – 70 square feet per gallon.
Container Size:	1, 5, 55 gallons. Note all precautions on container.
Systems Approvals:	For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name:	**Mule-Hide Premium Fibrated Aluminum**
Thickness:	See Systems Approvals Below.
Specifications:	ASTM D 2824, Type III
Description:	Fibered aluminum roof coating. Apply with a roof brush, long-napped roller or spray gun at approximately 50-100 sq. ft. per gallon.
Container Size:	1, 5, 55 gallons. Note all precautions on container.
Systems Approvals:	For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name:	**Mule-Hide Standard Fibrated Aluminum**
Thickness:	See Systems Approvals Below.
Specifications:	ASTM D 2824, Type III
Description:	Fibered aluminum roof coating. Apply with a roof brush, long-napped roller or spray gun at approximately 50-100 sq. ft. per gallon.
Container Size:	1, 5, 55 gallons. Note all precautions on container.
Systems Approvals:	For systems approvals, refer to specific Roof Assembly, Product Control Approval.

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. Product shall be applied in strict compliance with Manufacturer's published application instructions.
3. Mule-Hide products shall not be applied in inclement weather conditions.
4. Mule-Hide products are components of roof assemblies and are approved for use only with roof assemblies accepted by the Miami-Dade Office of Building Code Compliance.
5. All roofing adhesives, mastics, and coatings shall have a quality control testing program by an approved independent listing agency having unannounced follow up visit. Follow up test results shall be made available to BCCO upon request.
6. All approved products shall be labeled in compliance with Roofing Testing Standard TAS 121.
7. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9B-72 of the Florida Administrative Code.

END OF THIS ACCEPTANCE