



**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)

**Ashland, Inc.
5200 Blazer Parkway
Dublin, OH. 43017**

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: PLIOBOND® Membrane Bonding Adhesives/PLIODECK® Membrane Adhesives

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 4.

The submitted documentation was reviewed by Alex Tigera.



**NOA No 06-0912.10
Expiration Date: 04/05/12
Approval Date: 04/05/07
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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Cements, Adhesives and Coatings
Material: Adhesive

SCOPE

This approves **PLIOBOND® 1744 PVC Membrane Adhesive, PLIOBOND® 1746 VOC Compliant PVC Membrane Adhesive, PLIOBOND® 2375 EPDM Membrane Adhesive, PLIODECK® TPO Membrane Adhesive, and PLIODECK® PVC Membrane Adhesive** by Ashland, Inc. as described in this Notice of Acceptance.

The use of this acceptance is limited to those roof assemblies where Ashland, Inc.'s **PLIOBOND® 1744 PVC Membrane Adhesive, PLIOBOND® 1746 VOC Compliant PVC Membrane Adhesive, PLIOBOND® 2375 EPDM Membrane Adhesive, PLIODECK® TPO Membrane Adhesive, and PLIODECK® PVC Membrane Adhesive** are specifically listed as an accepted component.

PRODUCT DESCRIPTION:

PlioBond 1744:

Description	Test Standard	Property
Percent Solids	ASTM D 1644	28%
Weight Per Gallon (lbs/gal)	ASTM D 1475	7.5507
Viscosity @ 75°F cPs	ASTM D 2176	1820
Tensile Strength (psi)	ASTM D 412	110.7
Elongation	ASTM D 412	875.59%
Shear Strength (lbf)	ASTM D 6383	14.24
Peel Adhesion	ASTM D 903	
-to plywood		1.554
-to EPDM		0.795
-to PVC		N/A
-to TPO		N/A
-to Poured Cement		4.016
-to Galvanized Steel		1.014
Water Absorbtion	ASTM D 570	0.15%

PlioBond 2375:

Description	Test Standard	Property
Percent Solids	ASTM D 1644	25.29%
Weight Per Gallon (lbs/gal)	ASTM D 1475	7.2646
Viscosity @ 75°F cPs	ASTM D 2176	2340
Tensile Strength (psi)	ASTM D 412	297.7
Elongation	ASTM D 412	1793.33%
Shear Strength (lbf)	ASTM D 6383	24.9
Peel Adhesion	ASTM D 903	
-to plywood		5.492
-to EPDM		3.441
-to PVC		N/A
-to TPO		N/A
-to Poured Cement		1.357
-to Galvanized Steel		1.737
Water Absorbtion	ASTM D 570	1.23%



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PlioBond 1746:

Description	Test Standard	Property
Percent Solids	ASTM D 1644	31.89%
Weight Per Gallon (lbs/gal)	ASTM D 1475	7.7499
Viscosity @ 75°F cPs	ASTM D 2176	2453
Tensile Strength (psi)	ASTM D 412	105.8
Elongation	ASTM D 412	657.17%
Shear Strength (lbf)	ASTM D 6383	15.89
Peel Adhesion	ASTM D 903	
-to plywood		4.002
-to EPDM		0.630
-to PVC		N/A
-to TPO		N/A
-to Poured Cement		5.21
-to Galvanized Steel		1.554
Water Absorbtion	ASTM D 570	0.48%

PlioDeck PVC 591001:

Description	Test Standard	Property
Percent Solids	ASTM D 1644	96.58%
Weight Per Gallon (lbs/gal)	ASTM D 1475	9.6074
Viscosity @ 75°F cPs	ASTM D 2176	6687
Tensile Strength (psi)	ASTM D 412	1092.1
Elongation	ASTM D 412	22.17%
Shear Strength (lbf)	ASTM D 6383	178.36
Peel Adhesion	ASTM D 903	
-to plywood		8.434
-to EPDM		N/A
-to PVC		3.547
-to TPO		N/A
-to Poured Cement		2.245
-to Galvanized Steel		0.200
Water Absorbtion	ASTM D 570	0.30%

PlioDeck TPO 591002:

Description	Test Standard	Property
Percent Solids	ASTM D 1644	97.31%
Weight Per Gallon (lbs/gal)	ASTM D 1475	9.2955
Viscosity @ 75°F cPs	ASTM D 2176	14667
Tensile Strength (psi)	ASTM D 412	1181.8
Elongation	ASTM D 412	62.79%
Shear Strength (lbf)	ASTM D 6383	74.47
Peel Adhesion	ASTM D 903	
-to plywood		8.220
-to EPDM		N/A
-to PVC		N/A
-to TPO		2.098
-to Poured Cement		2.008
-to Galvanized Steel		0.600
Water Absorbtion	ASTM D 570	1.06%



EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
Momentum Technologies, Inc.	TX26F6A	Physical Properties	07/24/06

LIMITATIONS:

PLIOBOND® 1744 PVC Membrane Adhesive, PLIOBOND® 1746 VOC Compliant PVC Membrane Adhesive, PLIOBOND® 2375 EPDM Membrane Adhesive, PLIODECK® TPO Membrane Adhesive, and PLIODECK® PVC Membrane Adhesive shall have a quality control testing program by an approved independent listing agency having unannounced follow-up visits. Follow up test results shall be made available to BCCO upon request.

INSTALLATION:

PLIOBOND® 1744 PVC Membrane Adhesive, PLIOBOND® 1746 VOC Compliant PVC Membrane Adhesive, PLIOBOND® 2375 EPDM Membrane Adhesive, PLIODECK® TPO Membrane Adhesive, and PLIODECK® PVC Membrane Adhesive shall be installed in strict compliance with the roof assembly's assemblies Notice of Acceptance, and manufacturer's published literature.

BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or the applicable Building Code in order to properly evaluate the installation of this system. This Notice of Acceptance on its own cannot be used to obtain a building permit.

END OF THIS ACCEPTANCE



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