

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786)315-2590 F (786) 31525-99

www.miamidade.gov/economy

Johns Manville Corporation 717 17th Street Denver, CO 80202

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 of the Florida Building Code.

DESCRIPTION: JM Multi-Ply Roofing Membranes and Accessories

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 8.

The submitted documentation was reviewed by Jorge Acebo.



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ROOFING COMPONENT APPROVAL

Category: Roofing

Sub-Category: Roofing Membranes and Accessories

Material: SBS, APP, BUR

SCOPE:

This approves **JM Multi Ply Roofing Membranes and Accessories** as roofing components, as described in this Notice of Acceptance, designed to comply with the Florida Building Code and the High Velocity Hurricanes Zone. Please refer to "Limitations" herein for limits of use.

PRODUCT DESCRIPTION:

<u>Product</u>	Dimensions	Test <u>Specifications</u>	Product <u>Description</u>
DynaBase Manufacturing location #1	39-3/8" x 49'2"	ASTM D 6163	A glass reinforced SBS modified bitumen base sheet.
DynaBase PR Manufacturing location #1	39-3/8" x 49'2"	ASTM D 6164	A polyester reinforced SBS modified bitumen base sheet.
DynaBase HW Manufacturing location #1	39-3/8" x 49'2"	ASTM D 6163	A glass reinforced SBS modified bitumen base sheet for heat welded applications.
DynaClad Manufacturing location #6	39-3/8" x 33'10"	ASTM D6298	A glass reinforced base sheet SBS modified bitumen membrane surfaced with foil.
DynaFast 180 S Manufacturing location #I	39-3/8" x 49'2"	ASTM D6164	A polyester reinforced SBS modified bitumen base or inner ply sheet.
DynaFast 180 HW Manufacturing location #1	39-3/8" x 49'2"	ASTM D6164	A polyester reinforced SBS modified bitumen base or inner ply sheet for use in heat weld applications.
DynaFast 250 HW Manufacturing location #1	39-3/8" x 32'10"	ASTM D6164	A polyester reinforced SBS modified bitumen base or inner ply sheet for use in heat weld applications.
DynaWeld Base Manufacturing location #1	39'-3/8" x 32'-10"	ASTM D6163	A glass reinforced SBS modified bitumen base sheet for heat welded applications.
DynaWeld 180 S Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6162	A polyester reinforced SBS modified bitumen base or inner ply sheet for use in heat weld applications.
DynaGlas Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6163	A glass reinforced SBS modified bitumen membrane surfaced with granules.
DynaWeld Cap Manufacturing location #1	39'-3/8" x 32'-10"	ASTM D6163	A glass reinforced SBS modified bitumen membrane surfaced with granules for use in heat weld applications.
DynaWeld Cap FR Manufacturing location #1	39'-3/8" x 32'-10"	ASTM D6163	A fire resistant, glass reinforced SBS modified bitumen membrane surfaced with granules for use in heat weld applications.



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<u>Product</u>	<u>Dimensions</u>	Test Specifications	Product <u>Description</u>
DynaWeld Cap FR CR Manufacturing location #I	39'-3/8" x 32'-10"	ASTM D6163	A fire resistant, glass reinforced SBS modified bitumen membrane surfaced with granules and a reflective white coating for use in heat weld applications.
DynaWeld Cap FR XT Manufacturing location #1	39-3/8" x 32'10"	ASTM D6163	A fire resistant, glass reinforced SBS modified bitumen membrane surfaced with granules for use in heat weld applications.
DynaWeld Cap FR CR G Manufacturing location #1	39-3/8" x 32'10"	ASTM D6163	A fire resistant, glass reinforced SBS modified bitumen membrane surfaced with reflective cool roof granules for use in heat weld applications.
DynaWeld Cap 180 FR Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6164	A fire resistant, polyester reinforced SBS modified bitumen membrane surfaced with granules for use in heat weld applications.
DynaWeld Cap 180 FR CR Manufacturing location #I	39-3/8" x 32'-10"	ASTM D6164	A fire resistant, polyester reinforced SBS modified bitumen membrane surfaced with granules and a reflective white coating for use in heat weld applications.
DynaWeld Cap 250 FR Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6164	A fire resistant, polyester reinforced SBS modified bitumen membrane surfaced with granules for use in heat weld applications.
DynaWeld Cap 250 FR CR Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6164	A fire resistant, polyester reinforced SBS modified bitumen membrane surfaced with granules and a reflective white coating for use in heat weld applications.
DynaWeld Cap 250 FR CR G Manufacturing location #1	39-3/8" x 32'10"	ASTM D6164	A fire resistant, polyester reinforced SBS modified bitumen membrane surfaced with reflective cool roof granules for use in heat weld applications.
DynaWeld Cap 250 Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6164	A polyester reinforced SBS modified bitumen membrane surfaced with granules for use in heat weld applications.
DynaWeld Cap 250 S Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6164	A polyester reinforced SBS modified bitumen membrane surfaced with granules for use in heat weld applications.
DynaGlas 30 FR Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6163	A fire resistant, glass reinforced SBS modified bitumen membrane surfaced with granules.
DynaGlas FR Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6163	A fire resistant, glass reinforced SBS modified bitumen membrane surfaced with granules.
DynaGlas FR CR Manufacturing location #1	39-3/8" x 32'-10";	ASTM D6163	A fire resistant, glass reinforced SBS modified bitumen membrane surfaced with granules and a reflective white coating for use in heat weld applications.



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<u>Product</u>	<u>Dimensions</u>	Test Specifications	Product <u>Description</u>
DynaGlas FR CR G Manufacturing location #1	39-3/8" x 32'10"	ASTM D 6163	A fire resistant, glass reinforced SBS modified bitumen membrane surfaced with reflective cool roof granules
DynaKap FR T1 Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6162	
DynaKap FR T1 CR G Manufacturing location #1	39-3/8" x 32'10"	ASTM D6162	A fire resistant, composite reinforced SBS modified bitumen membrane surfaced with reflective cool roof granules.
DynaKap FR T1 HW CR G Manufacturing location #1	39-3/8" x 32'10"	ASTM D6162	A fire resistant, composite reinforced SBS modified bitumen membrane surfaced with reflective cool roof granules for use in heat weld applications.
DynaLastic 180 Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6164	A polyester reinforced SBS modified bitumen membrane surfaced with granules.
DynaLastic 180 FR Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6164	A fire resistant, polyester reinforced SBS modified bitumen membrane surfaced with granules.
DynaLastic 180 FR CR Manufacturing location #1	39-3/8" x 32'10"	ASTM D6164	A fire resistant, polyester reinforced SBS modified bitumen membrane surfaced with granules and cool roof coating.
DynaLastic 180 FR CR G Manufacturing location #1	39-3/8" x 32'10"	ASTM D6164	A fire resistant, polyester reinforced SBS modified bitumen membrane surfaced with reflective cool roof granules.
DynaLastic 180 S Manufacturing location #1	39-3/8" x 32'10"	ASTM D6164	A polyester reinforced SBS modified bitumen base or inner ply sheet.
DynaPly T1 Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6162	A composite reinforced SBS modified bitumen base or inner ply sheet.
DynaLastic 250 FR Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6164	A fire resistant, polyester reinforced SBS modified bitumen membrane surfaced with granules.
DynaLastic 250 FR CR Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6164	A fire resistant, polyester reinforced SBS modified bitumen membrane surfaced with granules and a reflective white coating.
DynaLastic 250 FR CR G Manufacturing location #1	39-3/8" x 32'10"	ASTM D6164	A fire resistant, polyester reinforced SBS modified bitumen membrane surfaced with reflective cool roof granules.
DynaLastic 250 S Manufacturing location #1	39-3/8" x 32'-10"	ASTM D 6164	A polyester reinforced SBS modified bitumen base or inner ply sheet.



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<u>Product</u>	<u>Dimensions</u>	Test Specifications	Product <u>Description</u>
DynaMax S Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6162	A composite reinforced SBS modified bitumen base or inner ply sheet.
DynaMax FR Manufacturing location #I	39-3/8" x 32'-10"	ASTM D6162	A fire resistant, composite reinforced SBS modified bitumen membrane surfaced with granules.
DynaMax FR CR Manufacturing location #I	39-3/8" x 32'-10"	ASTM D6162	A fire resistant, composite reinforced SBS modified bitumen membrane surfaced with granules and a reflective white coating.
DynaMax FR HW Manufacturing location #I	39-3/8" x 32'-10"	ASTM D6162	A fire resistant, composite reinforced SBS modified bitumen membrane surfaced with granules.
DynaMax FR HW CR Manufacturing location #I	39-3/8" x 32'-10"	ASTM D6162	A fire resistant, composite reinforced SBS modified bitumen membrane surfaced with granules and a reflective white coating.
DynaMax FR Plus Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6162	A fire resistant, composite reinforced SBS modified bitumen membrane surfaced with granules.
DynaBase XT Manufacturing location #1	39-3/8" x 49'-2"	ASTM D 6163	A glass reinforced SBS modified bitumen base or inner ply sheet.
DynaGlas FR XT Manufacturing location #1	39-3/8" x 32'-10"	ASTM D6163	A fire resistant, glass reinforced SBS modified bitumen membrane surfaced with granules.
JM APP Base Manufacturing location #1	39-3/8" x 48'10"	ASTM D6509	APP modified asphalt, fiberglass reinforced, smooth surfaced base sheet.
APPeX 4S Manufacturing location #I	39-3/8" x 32'10"	ASTM D6222 Type I	APP modified asphalt, polyester reinforced, smooth surfaced membrane for use as a Base and/or Ply Sheet only.
APPeX 4.5M Manufacturing location #1	39-3/8" x 32'10"	ASTM D6222 Type I	APP modified asphalt, polyester reinforced, mineral surfaced membrane.
APPeX 4.5M FR Manufacturing location #1	39-3/8" x 32'10"	ASTM D6222 Type I	APP modified asphalt, polyester reinforced, fire- retardant, mineral surfaced membrane.
Tricor M FR Manufacturing location #1	39-3/8" x 34'1"	ASTM D6223	APP modified asphalt, polyester / glass reinforced, granule surfaced membrane.
Tricor M FR CR Manufacturing location #1	39-3/8" x 34'1"	ASTM D6223	APP modified asphalt, polyester / glass reinforced, coated granule surfaced membrane.
Tricor S Manufacturing location #1	39-3/8" x 32'10"	ASTM D6223	APP modified asphalt, polyester / glass reinforced, smooth surfaced membrane for use as a Base and/or Ply Sheet only.
JMCleanBond Base Manufacturing location #I	65'-7" x 39-3/8" roll weight: 80 lbs	ASTM D4601	An SBS modified bitumen coated, fiber glass reinforced, self-adhering base sheet, with added fire retardant.



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<u>Product</u>	<u>Dimensions</u>	Test Specifications	Product <u>Description</u>
DynaGrip Base SD/SA Manufacturing location #2	39-3/8" x 65'-7"	ASTM D4601	Glass reinforced, self-adhering SBS modified bitumen base sheet.
GlasKap Plus Manufacturing location #2	36" x 36'	ASTM D3909	A mineral surfaced, asphalt coated, fiberglass cap sheet.
GlasBase Plus Manufacturing location #2	36" x 106'	ASTM D4601	Type II SBS and asphalt blend impregnated and coated glass fiber base sheet with fine mineral stabilizer.
Ventsulation Felt Manufacturing location #3	36" x 36'	ASTM D4897 Type II	Heavy duty fiber glass base sheet impregnated and coated on both sides with asphalt with or without fine mineral stabilizer.
GlasPly IV Manufacturing location #3	36" x 180'	ASTM D2178 Type IV	Type IV asphalt impregnated glass felt for use in conventional and modified bitumen built-up roofing.
GlasPly Premier Manufacturing location #3	36" x 180'	ASTM D2178 Type VI	Type VI asphalt impregnated glass felt for use in conventional and modified bitumen built-up roofing.
GlasTite Flexible Manufacturing location #3	36" x 50'	ASTM D 4601	Fiber glass/polyester-reinforced, asphalt-coated base, ply or flashing sheet used in built up roofing systems.
PermaPly 28 Manufacturing location #3	36" x 106'	ASTM D4601	Type II asphalt impregnated and coated glass fiber base sheet for use in conventional and modified bitumen built-up roofing.
JMCleanBond Cap Manufacturing location #4	32'-10" x 39-3/8" roll weight: 100 lbs	ASTM D6163	An SBS modified bitumen coated, fiber glass reinforced, self-adhering cap sheet, with added fire retardant.
JM BaseGrip SD/SA Manufacturing location #5	36" x 72'	ASTM D4601	Glass reinforced, self-adhering SBS modified bitumen base sheet.
USII RetroDrain Manufacturing location #7	various	N/A	One piece, aluminum fabricated drain for retrofit applications.
Hercules RetroDrain Manufacturing location #7	various	N/A	Cast aluminum, heavy-duty drain for retrofit applications.
DynaTred & DynaTred Plus Roof Walkway Manufacturing location #1	various	N/A	Preformed, skid-resistant boards.



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MANUFACTURING LOCATIONS:

- 1. Macon, GA
- Southgate, CA 2.
- Oklahoma City, OK Plattsburg, NY 3.
- 4.
- **5.** Tuscaloosa, AL
- 6. Fresno, CA
- Lewiston, ME

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	<u>Date</u>
PRI Construction Materials	ASTM D 6223 / TAS 110	JMC-054-02-01.04	01/17/12
Technologies LLC	ASTM D 6509	JMC-055-02-01	01/17/12
	ASTM D 6163 / TAS 110	JMC-063-02-01	01/25/12
	ASTM D 6163	JMC-065-02-01	01/25/12
	ASTM D 6163 / TAS 110	JMC-066-02-01	01/25/12
	ASTM D 3909	JMC-069-02-01	02/26/12
	ASTM D 2178	JMC-070-02-01	03/04/12
	ASTM D 2178	JMC-071-02-01	03/04/12
	ASTM D 4601	JMC-072-02-02	04/02/12
	ASTM D 4601	JMC-072-02-03	03/13/12
	ASTM D 4897	JMC-074-02-01	03/04/12
	ASTM D 6164 / TAS 110	JMC-075-02-04.2	03/13/12
	ASTM D 4601	JMC-076-02-01	03/04/12
	ASTM D 6298	JMC-078-02-01	03/04/12
	ASTM D 4601	JMC-091-02-01.1	01/25/12
	ASTM D 4601	JMC-093-02-01	07/11/12
	ASTM D 6164 / TAS 110	JMC-106-02-01	12/13/12
	ASTM D 6164 / TAS 110	JMC-113-02-01	01/04/13
	ASTM D 4601 / D 1970	JMC-147-02-01	04/29/13
	ASTM D 6163 / TAS 110	JMC-171-02-01	09/03/13
	ASTM D 6163 / TAS 110	JMC-171-02-02	09/03/13
	ASTM D 6164 / TAS 110	JMC-171-02-03	09/10/13
	ASTM D 6163 / D4798	JMC-171-02-04.1	09/25/13
	ASTM D 6164 / D4798	JMC-171-02-07.1	09/25/13
	ASTM D 6162 / TAS 110	JMC-171-02-10	09/03/13
	ASTM D 6164	JMC-171-02-11	09/25/13
	ASTM D 6162 / TAS 110	JMC-227-02-01.2	03/03/15
	ASTM D 6162 / TAS 110	JMC-234-02-01	04/15/15
	ASTM D 6163 / TAS 110	JMC-234-02-02	04/21/15
	ASTM D 6163 / TAS 110	JMC-234-02-03.1	04/21/15
	ASTM D 6164 / TAS 110	JMC-234-02-05	04/27/15
	ASTM D 6164 / TAS 110	JMC-234-02-06.1	04/29/15
	ASTM D 6164 / D4798	JMC-238-02-01.1	07/21/16
	ASTM D 6164 / TAS 110	JMC-238-02-03	07/20/15
	ASTM D 6162 / TAS 110	JMC-238-02-04	07/21/15
	ASTM D 6222 / TAS 110	JMC-330-02-01	06/26/18
	ASTM D 6222 / TAS 110	JMC-330-02-02	06/14/18
	ASTM D 6222 / TAS 110	JMC-330-02-03	06/14/18



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LABELING:

All membranes and accessories or packaging shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility, and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



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. JM Multi-Ply Roofing Membranes and Accessories are designed for use as specified within approved roofing system NOA assemblies.
- 3. This acceptance establishes the required physical properties testing and traceability of roofing membrane and accessory components listed in approved roofing applications. Minimum deck requirements shall be in compliance with applicable building code. JM Multi-Ply Roofing Membranes and Accessories shall be installed in strict compliance with applicable Building Codes, Product Approvals and Manufacturers' specifications and guidelines.
- 4. Change in materials or manufacturing process or location of any of the products listed herein shall be cause for termination of this Notice of Acceptance.
- 5. JM Multi-Ply Roofing Membranes and Accessories may be used with any approved Roof Assembly Notice of Acceptance listing JM Multi-Ply Roofing Membranes and Accessories as a component part of an assembly in the Notice of Acceptance. If JM Multi-Ply Roofing Membranes and Accessories is not listed; a request may be made to the Authority Having Jurisdiction (AHJ) or the Miami-Dade County Product Control Department for approval provided that appropriate documentation is provided to detail compatibility of the products, wind uplift resistance, and fire testing results.
- 6. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE



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