

Sikalastic® 710/715 UNDER TILE WATERPROOFING SYSTEM

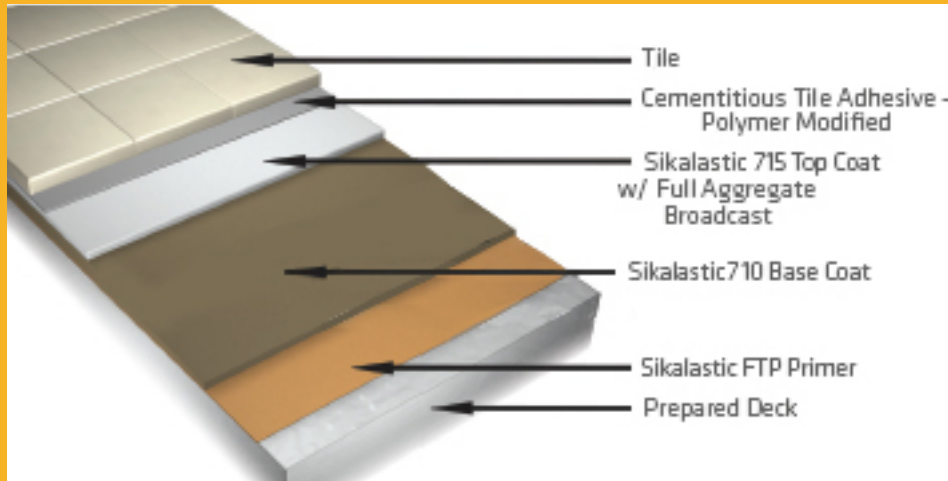
Single component, elastomeric, crack-bridging, waterproofing system

Standard Application

- 1) Apply Sikalastic® FTP primer with a flat squeegee or roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow Primer to dry tack free. Base coat must be applied after primer has become tack free and no longer than 48 hours after application of primer.
- 2) Sikalastic® 710 should be applied at 32 wet mils (50sf/gallon) using a notched squeegee or trowel and back roll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free before top coating.
- 3) Sikalastic® 715 should be applied at 14 mils wet (115sf/gallon) using a flat or notched squeegee and back roll using a phenolic resin core roller. Aggregate should be seeded to refusal in wet top coat. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free before top coating.
- 4) Apply ceramic tile system as per NOA instructions.

For detailed instructions on this system as well as for additional Sika approved system assemblies, please refer to NOA # 14-1020.08

- Asphalt-free and alkaline-resistant
- Excellent crack-bridging properties
- Excellent puncture and cut resistance
- Impervious to water
- Aggregate surfacing provides superior bonding surface for tile adhesives



**MIAMI-DADE COUNTY
APPROVED**

FOR MORE Sikalastic® INFORMATION:

Contact Sika: Phone 800.933.SIKA(7452), Website www.usa.sika.com



Can contribute 1 LEED® point per installation

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BUILDING TRUST





SEALANT • WATERPROOFING & RESTORATION INSTITUTE

Issued to: **Sika Corporation**
Product: Sikalastic 710/715 Traffic System

ASTM D 412: Tensile Strength of Top Coat
Sikalastic 715 Top
Tensile Strength: 4,840 psi; Pass ✓
Elongation: 725%

ASTM D 4541: Adhesion of Base Coat
Sikalastic 710 Base
Pull-off Adhesion: 375 psi Pass ✓

ASTM D 4060: Abrasion Resistance of Top Coat
Sikalastic 715 top
Abrasion Resistance: 2 mgms loss
– mgms loss/1,000 cycles Pass ✓

Validation Date: 3/19/10-3/18/15
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Sikalastic® 710/715 Traffic System

Single component, elastomeric, crack-bridging, waterproofing traffic system

Construction

Description	Sikalastic 710/715 Traffic System is a single component, aromatic, moisture cured, elastomeric polyurethane coating system designed for use as a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces. System components are: Sikafloor FTP primer (separate data sheet available or consult Sika for other primer options) Sikalastic 710 Base one-component aromatic polyurethane base coat Sikalastic 715 Top one-component aromatic polyurethane top coat (suitable for UV exposure) Sikalastic 735 AL, 736 AL Lo-VOC and 748 PA optional aliphatic top coats (see separate Sikalastic Aliphatic Top Coats data sheet) Sikalastic 700 ACL optional accelerator	
Where to Use	Sikalastic 710/715 Traffic System is designed for use on concrete, cementitious or plywood surfaces exposed to vehicular or pedestrian traffic. <ul style="list-style-type: none"> ■ Multi-story parking garages ■ Parking decks and ramps ■ Foot bridges and walkways ■ Mechanical rooms ■ Stadiums and arenas ■ Plaza and rooftop decks ■ Balconies 	
Advantages	<ul style="list-style-type: none"> ■ Excellent crack-bridging properties and flexibility, even at low temperatures ■ Outstanding resistance to abrasion and wear ■ Impervious to water and deicing salts ■ Range of standard colors and decorative options 	
Packaging	Sikalastic 710 Base and 715 Top	5 gal. pails, 50 gal. (net) drums
	Sikalastic 700 ACL	1 quart cans (9 cans per carton)
	Sikafloor FTP	7 gal. kit - two 1 gal. cans Part "R" and two short-filled pails Part "H" (1.25 gal. each). Kit yields 7 gal. after dilution with 2.5 gal. water (see mixing instructions below)
Colors	Sikalastic 710 Base	Gray
	Sikalastic 715 Top	Gray, Charcoal and Tan

Typical Data (Material and curing conditions @ 75°F (24°C) and 50% RH)

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS.

Shelf Life 1 year in original, unopened containers.
Storage Conditions Store dry at 40-95°F (4-35°C). Condition material to 65-85°F (18-30°C) before using.

	710 Base	715 Top
Viscosity	6500 ± 3000 cps	1500 ± 500 cps
Total Volume Solids (ASTM D-2697)	71%	72%
VOC Content (ASTM D-2369-81)	240 g/l	243 g/l
Tensile Strength (ASTM D-412)	800 ± 100 psi	3200 ± 300 psi
Elongation at Break (ASTM D-412)	500 ± 50%	500 ± 50%
Tear Resistance (Die C, ASTM D-624)	170 ± 25 pli	350 ± 50 pli
Hardness (ASTM D-2240)	55 ± 5 Shore A	85 ± 5 Shore A
Requirements of ASTM C-957	System passes	System passes
Class A Spread of Flame (ASTM E-108-10a)	System passes	System passes



How to Use

Surface Preparation

Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application.

Concrete - Should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).

Plywood - Should be clean and smooth, APA and exterior grade, not less than 1/2" thick, and spaced and supported according to APA guidelines. Seams should be sealed with Sikaflex 2c or 1a and detailed and may need imbedded fabric reinforcement.

Metal - Should be thoroughly cleaned by grinding or blast cleaning. Consult Sika regarding primer.

Priming

Concrete and Plywood: Apply Sikafloor FTP with a flat squeegee or roller at approximately 300 sf/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Refer to separate data sheet for more detailed information, or consult Sika for other primer options.

Mixing: Premix both components. Sikafloor FTP, Part "H" is dark olive green in color and may appear black in the container. Sikafloor FTP, Part "R" is light amber in color. Add the 1 gallon of Sikafloor FTP, Part "R" to the 1.25 gallons of Part "H" in the short filled Part "H" pail. Mix thoroughly with a mechanical mixer (Jiffy) for 3 minutes. This mixture will appear as a light olive green color. Slowly add 1.25 gallons of potable water to the mixture under agitation. Mix for an additional 2 minutes until the mixture is fully dispersed. Fully dispersed material will appear as light green in color. Prevent from freezing and allow primer to cure a minimum of 3-4 hours at 75°F and 50% RH or until tack free before applying base coat. Recoat window is generally 48 hours; contact Sika if exceeded.

Detailing

Non-structural cracks up to 1/16 inch - Apply a detail coat of Sikalastic 710 Base at 32 mils wet, 4" wide, centered over the crack. Allow to become tack free before overcoating.

Cracks and joints over 1/16" up to 1 inch - Rout and seal with Sikaflex 2c or 1a sealant and allow to cure. Apply a detail coat of Sikalastic 710 Base at 32 mils wet, 4" wide, centered over crack. Allow to become tack free before overcoating.

Joints over 1 inch - Should be treated as expansion joints and brought up through the Sikalastic Traffic System and sealed with Sikaflex 2c or 1a sealant.

Base Coat

Thoroughly mix Sikalastic 710 Base using a mechanical mixer (Jiffy) at slow speeds until a homogenous mixture and color is obtained. Use care not to allow the entrapment of air into the mixture. Apply at the recommended coverage rate (see System Guide) using a notched squeegee or trowel and backroll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free before top coating.

Top Coats

Thoroughly mix Sikalastic 715 Top using a mechanical mixer (Jiffy) at slow speeds until a homogenous mixture and color is obtained. Use care not to allow the entrapment of air into the mixture. Apply at the recommended coverage rate (see System Guide) using a flat or notched squeegee and backroll using a phenolic resin core roller. Apply aggregate evenly distributed at the appropriate rate immediately into wet coating and backroll if required (see System Guide). Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free between coats, and a minimum of 72 hours before opening to vehicular traffic.

Aggregate

Use clean, rounded, oven dried quartz sand with a minimum size gradation of 16-30 mesh for vehicular traffic and 20-40 mesh for pedestrian traffic, and a minimum hardness of 6.5 per the Moh's scale. It should be supplied in pre-packaged bags and free of metallic or other impurities. Seeding of aggregate means an even, light broadcast short of to refusal. Any loose aggregate must be removed prior to recoating. Backroll aggregate where indicated.

Accelerator

Sikalastic 700 ACL may be added to Sikalastic 710 Base or 715 Top in order to speed cure time particularly in cold weather conditions. Mix thoroughly prior to application. Add a maximum of 1 quart to 5 gallons (or 1:20 ratio) and only to material that will applied within 2-3 hours.

System Guide	Pedestrian Traffic	Heavy Pedestrian / Light Vehicular	Heavy Vehicular Traffic
Primer	Sikafloor FTP - 300 sf/gal. Consult Sika for other primer options.		
710 Detail Coat	32 mils wet over properly treated cracks and joints		
710 Base Coat	32 mils wet (23 mils dry) - 50 sf/gal.		
715 Top Coat I	14 mils wet (10 mils dry) - 115 sf/gal.	11 mils wet (8 mils dry) - 145 sf/gal.	11 mils wet (8 mils dry) - 145 sf/gal.
Aggregate	5-10 lbs/100 sf - seeded/backrolled	10-15 lbs/100 sf - seeded	10-15 lbs/100 sf - seeded
715 Top Coat II		16 mils wet (12 mils dry) - 100 sf/gal.	16 mils wet (12 mils dry) - 100 sf/gal.
Aggregate			10-15 lbs/100 sf - seeded
715 Top Coat III			16 mils wet (12 mils dry) - 100 sf/gal.
Total Thickness	33 mils dry (excluding aggregate)	43 mils dry (excluding aggregate)	55 mils dry (excluding aggregate)
See Sikalastic Aliphatic Top Coats data sheet for top coat substitutions and decorative quartz and DecoFlake® systems.			

Limitations

- To avoid dew point conditions during application, relative humidity must be no more than 95% and substrate temperature must be at least 5°F (3°C) above measured dew point temperature.
- Maximum moisture content of substrate: 4% by weight.
- Minimum ambient and substrate temperature during application and curing of material is 40°F (4°C); maximum is 90°F (32°C).
- Do not store materials outdoors exposed to sunlight for prolonged periods.
- Do not thin with solvents.
- Use properly graded, oven dried aggregates only.
- Minimum age of concrete must be 21-28 days, depending on curing and drying conditions.
- Any repairs required to achieve a level surface must be performed prior to application (consult a Sika representative for guidance on various product solutions). Surface irregularities may reflect through the cured system.
- Do not apply to a porous or damp surface where moisture vapor transmission will occur during application and cure.
- Substrate must be dry prior to application. Do not apply to a frosted, wet or damp surface. Do not proceed if rain is imminent within 8-12 hours of application. Allow sufficient time for the substrate to dry after rain or inclement weather as there is the potential for bonding problems.
- When applying over existing coatings, compatibility and adhesion testing is recommended.
- Opening prior to final cure may result in loss of aggregate, or permanent staining and subsequent premature failure.
- Vehicle fluids and some high performance tires can stain the coating. Fluid spills should be removed promptly as the coating can in some cases be damaged from prolonged exposure.
- On grade, unvented metal pan, split/sandwich slab and buried membrane conditions as well as light-weight concrete and asphalt or where chained or studded tires may be used should not be coated with Sikalastic Traffic Systems.
- Do not subject to continuous immersion.
- Base coat is not UV stable and must be top coated.
- Top coat will chalk, fade, or discolor over time when exposed to UV and under certain artificial lighting conditions. Aliphatic top coats with superior color and gloss retention are available.
- Mockups to verify application methods and substrate conditions as well as desired skid resistance and aesthetics are highly recommended.

WARNING

Sikalastic 710 Base

WARNING: COMBUSTIBLE, IRRITANT, SENSITIZER: Contains Polyurethane Prepolymer (Mixture), Solvent Naphtha Petroleum, Medium Aliphatic (CAS: 64742-88-7), Solvent Naphtha Petroleum, Light Aromatic (CAS: 64742-95-6) and Toluene Diisocyanate (CAS: 26471-62-5). **Keep away from heat, sparks, electrical equipment, open flame, and other sources of ignition. DO NOT SMOKE.** Use only in well ventilated areas. Causes eye/skin/respiratory irritation. May cause skin and/or respiratory sensitization after prolonged contact. Harmful if swallowed. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. **Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal.**
WARNING: This product contains a chemical known to the State of California to cause cancer.

Sikalastic 715 Top

WARNING: COMBUSTIBLE, IRRITANT, SENSITIZER: Contains Polyurethane Prepolymer (Mixture), Solvent Naphtha Petroleum, Light Aromatic (CAS: 64742-95-6) and Toluene Diisocyanate (CAS: 26471-62-5). **Keep away from heat, sparks, electrical equipment, and open flame. DO NOT SMOKE.** Use only in well ventilated areas. Causes eye/skin/respiratory irritation. May cause skin and/or respiratory sensitization after prolonged contact. Harmful if swallowed. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. **Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal.**
WARNING: This product contains a chemical known to the State of California to cause cancer.



Handling & Storage	Avoid direct contact with eyes and skin. Must wear chemical resistant gloves/goggles/clothing. Avoid breathing vapors. Use with adequate general and local ventilation. In absence of adequate ventilation, use properly fitted NIOSH approved respirator. Wash thoroughly after handling product. Store in a cool, dry, well ventilated area. Keep containers tightly closed.
First Aid	WARNING: COMBUSTIBLE. Keep away from heat, sparks, electrical equipment, and open flame. DO NOT SMOKE. Use only in well ventilated areas. Eyes – Hold eyelids apart and flush thoroughly with water for 15 minutes. Skin – Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and water. Inhalation – Remove to fresh air. Ingestion – Do not induce vomiting. Dilute with water. Contact physician. In all cases contact a physician immediately if symptoms persist.
Clean Up	Wear chemical resistant gloves/goggles/clothing. In absence of proper ventilation use properly fitted NIOSH respirator. Confine spill, collect using absorbent material and place in properly sealed container. Dispose of excess product in accordance with applicable local, state and federal regulations.
Maintenance/Repair	Clean with non-sudzing detergent and water and inspect regularly for mechanical damage. Snow removal equipment must have shoes, rubber tips or small skis to prevent ruptures. The use of metal blades without protection is not recommended. Damaged areas should be repaired promptly. Remove delaminated coating back to well adhered material and reinstall patch according to procedures described above. Do not use asphalt or tar modified products. Consult a Sika representative for recommendations on top coat or wearing surface restoration.

KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY

All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at www.sikausa.com or by calling 800-933-7452.

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Technical Data Sheet, product label and Material Safety Data Sheet which are available online at www.sikausa.com or by calling Sika's Technical Service Department at 800-933-7452. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Technical Data Sheet, product label and Material Safety Data Sheet prior to product use.

LIMITED WARRANTY: Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Technical Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKASHALL NOT BELIEABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKASHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Visit our website at www.sikausa.com

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Regional Information and Sales Centers. For the location of your nearest Sika sales office, contact your regional center.

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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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NOTICE OF ACCEPTANCE (NOA)

Sika Corporation
201 Polito Avenue
Lyndhurst, New Jersey 07071

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: Sika Corporation: Pedestrian and Traffic Bearing Waterproofing Systems

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 revises NOA# 11-0517.07 and consists of pages 1 through 14.
The submitted documentation was reviewed by Alex Tigera.



NOA No.: 14-1020.08
Expiration Date: 11/17/16
Approval Date: 03/26/15
Page 1 of 14

WATERPROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Waterproofing
Materials: Polyurethane
Maximum Design Pressure -802.50

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Sikafloor FTP	4.5 gallon kits	Proprietary	Sikafloor FTP is a three-component, 36% solids, waterborne-epoxy primer for concrete surfaces
Sikalastic 710 Base	5 gal pails, 50 gallon drums	ASTM C 957	Sikalastic 710 Base is a single component, aromatic, moisture cured, elastomeric polyurethane Base coat designed for use as a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces.
Sikalastic 715 Top	5 gal pails, 50 gallon drums	ASTM C 957	Sikalastic 715 is a single component, aromatic, moisture cured, elastomeric polyurethane Top coat designed for use as a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces.
Sikalastic 720 Base	20 gal kits	ASTM C 957	Sikalastic 720 Base is a two-component, 100% solids, fast curing polyurethane base coat designed for use as a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces.
Sikalastic 745 AL	17.6 gal kits	ASTM C 957	Sikalastic 745 AL is a two-component, 100% solids, fast curing aliphatic polyurethane top coat designed for use as a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces.



TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Aggregate	Pre-packaged bags	N/A	Clean, rounded, oven dried quartz sand with a minimum size gradation of 16-30 mesh for vehicular traffic and 20-40 mesh for pedestrian traffic, and a minimum hardness of 6.5 per the Moh's scale. It should be free of metallic or other impurities. The seeding of the aggregate shall be with an even, light broadcast short of or just to refusal. Any loose aggregate must be removed prior to recoating. Back roll aggregate where indicated.
Ceramic Tile	12" x 12" x 1/4"	ANSI A 137.1	Ceramic plaza deck tiles, 5% water absorption max.
Polymer Modified Thin Set	Pre-packaged bags	ANSI A 118.4 & A 118.1	Polymer modified thin set grout for ceramic tiles over pavers.

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Product Date</u>
PRI Construction Materials Technologies	LPI-005-02-02	ASTM C 957	5/6/2011
	LPI-005-02-02	ASTM C 957	5/6/2011
	LPI-006-02-01	TAS 114-D	5/6/2011
	LPI-005-02-01	TAS 114-D	5/6/2011
Southwest Research Institute	No. 01.16046.01.306a	ASTM E 108	3/24/2011
Atlantic & Caribbean Roof Consulting, Inc.	ACRC 14-023	TAS 114-D	09/11/14
	ACRC 14-024	TAS 114-D	09/11/14
	ACRC 14-025	TAS 114-D	09/12/14



APPROVED APPLICATIONS:

Deck Type 1 Concrete Decks
Deck Description: Min. 3000 psi
System Type A(1): Sikalastic 710/715 Pedestrian Traffic System

Substrate Preparation: Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application.

All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).

Primer: Apply Sikafloor FTP with a flat squeegee or roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow Primer to dry tack free. Base Coat must be applied within 14 – 48 hours of primer application.

Base Coat: Sikalastic 710 should be applied at 32 wet mils (50sf/gallon) using a notched squeegee or trowel and back roll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free before top coating.

Top-Coat Sikalastic 715 should be applied at 14 mils wet (115sf/gallon) using a flat or notched squeegee and back roll using a phenolic resin core roller. Apply aggregate* evenly distributed at the rate of 5-10 lbs/100 sqft - seeded/back rolled immediately into wet coating and back rolled.

Integrity Test: Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.

Integrity: Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration

Maximum Design Pressure: -802.50 psf (See General Limitation #9)

*The seeding of the aggregate shall be with an even, light broadcast short of or just to refusal. Any loose aggregate must be removed prior to recoating. Back roll aggregate where indicated.



Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A(2):	Sikalastic 710/715 Heavy Pedestrian/Light Vehicular Traffic System
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Primer:	Apply Sikafloor FTP with a flat squeegee or roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow Primer to dry tack free. Base Coat must be applied within 14 – 48 hours of primer application.
Base Coat:	Sikalastic 710 should be applied at 32 wet mils (50sf/gallon) using a notched squeegee or trowel and backroll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free before top coating.
Intermediate Coat:	Sikalastic 715 should be applied at 11 mils wet (145sf/gallon) using a flat or notched squeegee and backroll using a phenolic resin core roller. Apply aggregate* evenly distributed at the rate of 10-15 lbs/100 sf - seeded immediately into wet coating and backrolled. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free between coats.
Top-Coat	Remove all loose aggregate. Sikalastic 715 should be applied at 16 mils wet (100sf/gallon) using a flat or notched squeegee and backroll using a phenolic resin core roller. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free between coats, and a minimum of 72 hours before opening to vehicular traffic.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.
Integrity:	Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration
Maximum Design Pressure:	-802.50 psf (See General Limitation #9)

*The seeding of the aggregate shall be with an even, light broadcast short of or just to refusal. Any loose aggregate must be removed prior to recoating. Back roll aggregate where indicated.



Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A(3):	Sikalastic 710/715 Heavy Vehicular Traffic System
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Priming:	Apply Sikafloor FTP with a flat squeegee or roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow Primer to dry tack free. Base Coat must be applied within 14 – 48 hours of primer application.
Base Coat:	Sikalastic 710 should be applied at 32 wet mils (50sf/gallon) using a notched squeegee or trowel and backroll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free before top coating.
Intermediate Coat:	Sikalastic 715 should be applied at 11 mils wet (145sf/gallon) using a flat or notched squeegee and backroll using a phenolic resin core roller. Apply aggregate* evenly distributed at the rate of 10-15 lbs/100 sf - seeded immediately into wet coating and backrolled. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free between coats.
Intermediate Coat #2:	Remove all loose aggregate The Sikalastic 715 should be applied at 16 mils wet (100sf/gallon) using a flat or notched squeegee and backroll using a phenolic resin core roller. Apply aggregate* evenly distributed at the rate of 10-15 lbs/100 sf - seeded immediately into wet coating and backrolled. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free between coats.
Top-Coat:	Remove all loose aggregate The Sikalastic 715 should be applied at 16 mils wet (100sf/gallon) using a flat or notched squeegee and backroll using a phenolic resin core roller. Apply aggregate* evenly distributed at the rate of 10-15 lbs/100 sf - seeded immediately into wet coating and backrolled. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free between coats, and a minimum of 72 hours before opening to vehicular traffic.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.
Integrity:	Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration



Maximum Design

Pressure: -802.50 psf (See General Limitation #9)

*The seeding of the aggregate shall be with an even, light broadcast short of or just to refusal. Any loose aggregate must be removed prior to recoating. Back roll aggregate where indicated.



Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A(4):	Sikalastic 710/715 Pedestrian Traffic System – with Ceramic Tile
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Primer:	Apply Sikafloor FTP with a flat squeegee or roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow Primer to dry tack free. Base Coat must be applied within 14 – 48 hours of primer application.
Base Coat:	Sikalastic 710 should be applied at 32 wet mils (50sf/gallon) using a notched squeegee or trowel and back roll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free before top coating.
Top-Coat	Sikalastic 715 should be applied at 14 mils wet (115sf/gallon) using a flat or notched squeegee and back roll using a phenolic resin core roller. Aggregate should be seeded to refusal in wet top coat.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.
Integrity:	Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration
Surfacing:	Apply 12" x 12" x 1/4" ceramic plaza deck tile system fully embedded in 1/4" thick bed of polymer modified thinset grout mix.
Maximum Design Pressure:	-502.50 psf (See General Limitation #9)



Deck Type 1**Concrete Decks****Deck Description:****Min. 3000 psi****System Type A(5):****Sikalastic 710/715 Heavy Pedestrian/Light Vehicular Traffic System – Ceramic Tile****Substrate****Preparation:**

Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application.

All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).

Priming:

Apply Sikafloor FTP with a flat squeegee or roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow Primer to dry tack free. Base Coat must be applied within 14 – 48 hours of primer application.

Base Coat:

Sikalastic 710 should be applied at 32 wet mils (50sf/gallon) using a notched squeegee or trowel and backroll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free before top coating.

Intermediate Coat:

Sikalastic 715 should be applied at 11 mils wet (145sf/gallon) using a flat or notched squeegee and backroll using a phenolic resin core roller. Allow coating to cure a minimum of 16 hours at 70°F and 50% RH or until tack free between coats.

Top-Coat:

Sikalastic 715 should be applied at 16 mils wet (100sf/gallon) using a flat or notched squeegee and backroll using a phenolic resin core roller. Aggregate should be seeded to refusal in wet top coat.

Integrity Test:

Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.

Integrity:

Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration.

Surfacing:

Apply 12" x 12" x 1/4" ceramic plaza deck tile system fully embedded in 1/4" thick bed of polymer modified thinset grout mix.

Maximum Design**Pressure:**

-502.50 psf (See General Limitation #9)



Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A(6):	Sikalastic 720/745 Pedestrian Traffic System
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application.
	All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Primer:	Apply Sikafloor FTP with a flat squeegee or roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow Primer to dry tack free. Base Coat must be applied within 14 – 48 hours of primer application.
Base Coat:	Sikalastic 720 should be applied at 23 wet mils (66sf/gallon) using a notched squeegee or trowel and back roll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 3-4 hours at 70°F and 50% RH or until tack free before top coating.
Top-Coat	Sikalastic 745 should be applied at 12 mils wet (133sf/gallon) using a flat or notched squeegee and back roll using a phenolic resin core roller. Apply aggregate* evenly distributed at the rate of 5-10 lbs/100 sqft - seeded/back rolled immediately into wet coating and back rolled. Allow coating to cure a minimum of 3-4 hours at 70°F and 50% RH or until tack free between coats, and a minimum of 36 hours before opening to vehicular traffic.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.
Integrity:	Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration
Maximum Design Pressure:	-665 psf (See General Limitation #9)

*The seeding of the aggregate shall be with an even, light broadcast short of or just to refusal. Any loose aggregate must be removed prior to recoating. Back roll aggregate where indicated.



Deck Type 1

Concrete Decks

Deck Description:

Min. 3000 psi

System Type A(7):

Sikalastic 720/745 Pedestrian Traffic System – Ceramic Tile

Substrate Preparation:

Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application.

All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).

Primer:

Apply Sikafloor FTP with a flat squeegee or roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow Primer to dry tack free. Base Coat must be applied within 14 – 48 hours of primer application.

Base Coat:

Sikalastic 720 should be applied at 23 wet mils (66sf/gallon) using a notched squeegee or trowel and back roll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 3-4 hours at 70°F and 50% RH or until tack free before top coating.

Top-Coat

Sikalastic 745 should be applied at 12 mils wet (133sf/gallon) using a flat or notched squeegee and back roll using a phenolic resin core roller. Aggregate should be seeded to refusal in wet top coat.

Integrity Test:

Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.

Integrity:

Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration

Surfacing:

Apply 12" x 12" x 1/4" ceramic plaza deck tile system fully embedded in 1/4" thick bed of polymer modified thinset grout mix.

Maximum Design Pressure:

-502.5 psf (See General Limitation #9)



Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A(8):	Sikalastic 720/745 Heavy Pedestrian/Light Vehicular Traffic System
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Primer:	Apply Sikafloor FTP with a flat squeegee or roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow Primer to dry tack free. Base Coat must be applied within 14 – 48 hours of primer application.
Base Coat:	Sikalastic 720 should be applied at 23 wet mils (66sf/gallon) using a notched squeegee or trowel and backroll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 3-4 hours at 70°F and 50% RH or until tack free before top coating.
Top-Coat	Sikalastic 745 should be applied at 18 mils wet (90sf/gallon) using a flat or notched squeegee and back roll using a phenolic resin core roller. Apply aggregate* evenly distributed at the rate of 10-20 lbs/100 sqft - seeded/back rolled immediately into wet coating and back rolled. Allow coating to cure a minimum of 3-4 hours at 70°F and 50% RH or until tack free between coats, and a minimum of 36 hours before opening to vehicular traffic.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.
Integrity:	Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration
Maximum Design Pressure:	-665 psf (See General Limitation #9)

*The seeding of the aggregate shall be with an even, light broadcast short of or just to refusal. Any loose aggregate must be removed prior to recoating. Back roll aggregate where indicated.



Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A(9):	Sikalastic 720/745 Heavy Vehicular Traffic System
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application.
	All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Priming:	Apply Sikafloor FTP with a flat squeegee or roller at approximately 300 sqft/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow Primer to dry tack free. Base Coat must be applied within 14 – 48 hours of primer application.
Base Coat:	Sikalastic 720 should be applied at 23 wet mils (66sf/gallon) using a notched squeegee or trowel and backroll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints. Allow coating to cure a minimum of 3-4 hours at 70°F and 50% RH or until tack free before top coating.
Intermediate Coat:	Sikalastic 745 should be applied at 14 mils wet (115sf/gallon) using a flat or notched squeegee and backroll using a phenolic resin core roller. Apply aggregate* evenly distributed at the rate of 10-15 lbs/100 sf - seeded immediately into wet coating and backrolled. Allow coating to cure a minimum of 3-4 hours at 70°F and 50% RH or until tack free between coats.
Top-Coat:	Remove all loose aggregate. Sikalastic 745 should be applied at 18 mils wet (90sf/gallon) using a flat or notched squeegee and backroll using a phenolic resin core roller. Apply aggregate* evenly distributed at the rate of 10-20 lbs/100 sf - seeded/backrolled immediately into wet coating and backrolled. Allow coating to cure a minimum of 3-4 hours at 70°F and 50% RH or until tack free between coats, and a minimum of 36 hours before opening to vehicular traffic.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.
Integrity:	Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration
Maximum Design Pressure:	-665 psf (See General Limitation #9)

*The seeding of the aggregate shall be with an even, light broadcast short of or just to refusal. Any loose aggregate must be removed prior to recoating. Back roll aggregate where indicated.



GENERAL 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. A copy of the integrity test report described herein in accordance with ASTM D5957 shall be provided to the Building Official for review at time of final inspection.
3. Contractor shall submit to the Building Official for review the system specifications and details. Submission of these documents, as well as the proper application and installation of all materials shall be the sole responsibility of the contractor.
4. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Sika Corporation and shall be submitted to the Building Official for review.
5. All work shall be performed by a Contractor licensed to do roofing/waterproofing and be an applicator trained by Sika Corporation. Sika Corporation shall supply a list of approved applicators to the authority having jurisdiction.
6. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. Sikalastic shall not be installed over lightweight insulating concrete.
11. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below



END OF THIS ACCEPTANCE

