



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)

www.miamidade.gov/buldingcode

Unique Originals Inc.
3550 NW 58 Street
Miami, FL 33142

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, including the High Velocity Hurricane Zone.

DESCRIPTION: KoralKast Molding System

APPROVAL DOCUMENT: Drawing No. **07-160**, titled "Series CS101 KoralKast trims over stucco", sheets 1 through 3 of 3, prepared by Tilteco Inc., dated 06/13/07, with no revision, signed and sealed by Walter A. Tillit, Jr., P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

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.

LIMITATIONS: KoralKast trims shall not be left exposed, i.e. without paint, for longer than 180 days from installation.

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 this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Carlos M. Utrera
9/14/07

NOA No 07-0813.02
Expiration Date: October 4, 2012
Approval Date: October 4, 2007
Page 1

Unique Originals Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWING

1. Drawing No. **07-160**, titled "Series CS101 KoralKast trims over stucco", sheets 1 through 3 of 3, prepared by Tilteco Inc., dated 06/13/07, with no revision, signed and sealed by Walter A. Tillit, Jr., P.E.

B. TEST

1. Test report on Uniform Static Air Test, per FBC, TAS 202-94, prepared by Fenestration Testing Laboratory, Inc., report No. 1 and 2, dated 05/19/03 and 06/10/03 respectively, signed and sealed by Joseph Chan, P.E.
2. Test report on Accelerated Weathering, exposure to Xenon Arc for 4500 hours, per ASTM G155, prepared by Sub-Tropical Testing Service, report No. 99-0513.01, dated 03/27/06, signed and sealed by Mark Mosbat, P.E.
3. Test report on Izod Impact Resistance of Plastics, per ASTM D256-06, prepared by Architectural Testing, report No. 70052.01-106-18, dated 01/31/07, signed and sealed Joseph A. Reed, P.E.
4. Test report on Self-Ignition Temperature, per ASTM D1929-96, prepared by ETC Laboratories, report No. ETC-03-917-13643.1-917-13715.0, dated 06/04/03, signed and sealed by Joseph L. Doldan, P.E.
5. Test report on Surface Burning Characteristics, per ASTM E84-90, prepared by ETL Testing Laboratories, Inc., report No. 522359, dated 09/30/92, signed by Amy L. Rice.

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

1. Miami-Dade Building Code Compliance Office

E. MATERIAL CERTIFICATION

1. Glass fiber (4.3 oz.) reinforcing mesh by Dryvit.
2. PL Premium polyurethane construction adhesive.
3. Tarmac material safety data sheet for Portland cement.
4. Quikrete Portland Cement plaster.
5. Unique Originals, Inc. architectural products sheet.
6. Primus Polymer-Based Adhesive and base coat.
7. Sherwin Williams super paint exterior latex satin A89 series.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 07-0813.02
Expiration Date: October 4, 2012
Approval Date: October 4, 2007

F. STATEMENTS

1. No interest letter prepared by Tilteco Inc., dated 06/19/07, signed and sealed by Walter A. Tillit, Jr., P.E.
2. Statement of compliance with the Florida Building Code prepared by Tilteco, Inc., dated 06/19/07, signed and sealed by Walter A. Tillit, Jr., P.E.
3. Statement of compliance with the Florida Building Code prepared by Architectural Testing, dated 01/26/07, signed and sealed by Joseph A. Reed, P.E.

END OF THIS ACCEPTANCE



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 07-0813.02
Expiration Date: October 4, 2012
Approval Date: October 4, 2007

GENERAL NOTES:

(1) SERIES CS101 KORAL KAST® TRIMS OVER STUCCO SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D) HAS BEEN VERIFIED FOR CODE COMPLIANCE IN ACCORDANCE WITH THE 2004 EDITION OF THE FLORIDA BUILDING CODE. W/ THE 2005 AND 2006 SUPPLEMENTS. DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE.

SERIES CS101 KORAL KAST® TRIM'S ADEQUACY FOR WIND LOADS HAS BEEN VERIFIED IN ACCORDANCE W/ SECTION 1609.1.4 OF THE ABOVE MENTIONED CODE AS PER FENESTRATION TESTING LABORATORY REPORTS # 3798 (16" WIDE TRIM) AND # 3811 (36" WIDE TRIM) PER PROTOCOL TAS 202. ADEQUACY FOR WEATHERING HAS BEEN VERIFIED PER SECTION 2612.2 OF THE ABOVE MENTIONED CODE PER MIAMI DADE COUNTY BCCO APPROVED TESTING PROTOCOL, PER ASTM G-155 AND ASTM D-256. VERIFICATION OF FIRE BURNING CHARACTERISTICS PER SECTION 2612.2.

(2) SPECIFICATIONS FOR COMPONENTS:

(2.1) UTC-6022-7.5 URETHANE FOAM SHALL BE AS MANUFACTURED BY URETHANE TECHNOLOGY COMPANY, INC.

PHYSICAL PROPERTIES:	TEST METHOD	TEST RESULTS
DENSITY	ASTM D-1622	20 lb/ft ³
COMPRESSIVE STRENGTH	ASTM D-1621	800 psi
TENSILE STRENGTH	ASTM D-1623	700 psi
ELASTIC MODULUS	-	18,000 psi
SHEAR STRENGTH	ASTM C-273	390 psi
SHEAR MODULUS	-	4,500 psi
FLEXURAL STRENGTH	ASTM D-790	1,200 psi
FLEXURAL MODULUS	ASTM C-203	40,000 psi

(2.2) PL PREMIUM® POLYURETHANE CONSTRUCTION ADHESIVE SHALL BE MANUFACTURED BY OSI SEALANTS, INC. EXCEEDS AFG-01, FHA BULLETIN UM-60, ASTM C 557, AND ASTM 3498.

TYPICAL PROPERTIES:

TYPE	URETHANE	FLASH POINT	250°F
VISCOSITY	400,000 TO 600,000 cps	FREEZE-THAW STABILITY	DOES NOT FREEZE
SOLIDS	95% ±2%	STORAGE STABILITY	1 YEAR
WORKING OR OPEN TIME	UP TO 1 HOUR	SHRINKAGE	NONE
WEIGHT PER GALLON	10.5 lbs.		

(2.3) PRIMUS® POLYMER-BASED ADHESIVE AND BASE COAT MANUFACTURED BY DRIVIT SYSTEMS INC. IS FIELD MIXED 1 TO 1 BY WEIGHT WITH PORTLAND CEMENT TO PRODUCE PRIMUS MIXTURE COVERING 110 ft² OF SURFACE AREA PER 80 Lb. PRIMUS IS PERMEABLE TO WATER VAPOR (ASTM E96). BOND STRENGTH (ASTM C297) IS 23.2 psi TO CONCRETE.

(2.4) REINFORCING MESH MANUFACTURED BY DRYVIT SYSTEMS INC. A GLASS FIBER MESH 4.3 oz/yd² AND TENSILE STRENGTH OF 150 PLI. USED WITH PRIMUS® BASE COAT TO PROVIDE STRENGTH AND IMPACT RESISTANCE. DETAIL SHORT ROLLS DIMENSIONS ARE 9 1/2 in WIDE x 150 ft.

(2.5) QUIKRETE® FINISH COAT STUCCO # 1201, MANUFACTURED BY THE QUIKRETE COMPANIES, ATLANTA, GEORGIA, IS A PORTLAND CEMENT BASED FINISHING PLASTER REQUIRING ONLY THE ADDITION OF WATER.

APPLICABLE STANDARDS: (ASTM INTERNATIONAL)

-ASTM C109/C109M STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF HYDRAULIC CEMENT MORTARS (USING 2 in CUBE SPECIMENS) - 900 psi AT 7 DAYS AND 1200 psi AT 28 DAYS

-ASTM C926 STANDARD SPECIFICATION FOR APPLICATION OF PORTLAND CEMENT-BASED PLASTER.

(2.6) SUPER PAINT® EXTERIOR LATEX SATIN A89 SERIES ACRYLIC FINAL PAINT, MANUFACTURED BY SHERWIN WILLIAMS.

(3) THIS PRODUCT SHALL BE INSTALLED OVER AN IMPACT RESISTANT SUBSTRATE, FOLLOWING PROCEDURES INDICATED ON SHEETS 2 AND 3 ON THIS DRAWING. THIS SYSTEM SHALL BE APPLIED BY A LICENSED PLASTERING CONTRACTOR FOLLOWING THIS NOTICE OF ACCEPTANCE, THE RECOMMENDATIONS OF UNIQUE ORIGINALS, INC. AND THE APPLICABLE SECTION OF THE FLORIDA BUILDING CODE.

(4) (a) THE PRODUCT APPROVAL DOCUMENT (P.A.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.

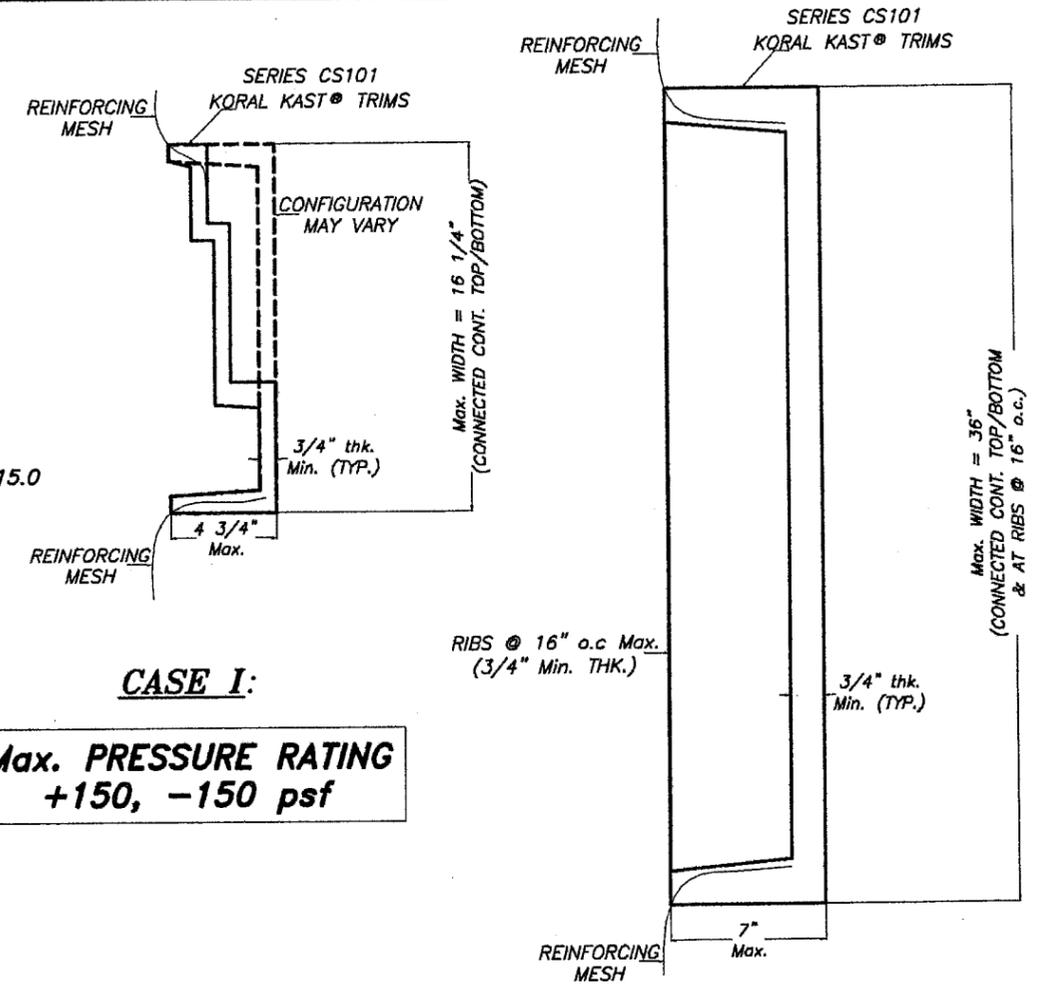
(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT BASED ON THIS PRODUCT APPROVAL PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS PRODUCT APPROVAL DOCUMENT WILL BE CONSIDERED INVALID IF MODIFIED.

(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE PROFESSIONAL OF RECORD (P.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. PROFESSIONAL OF RECORD, ACTING AS DELEGATED ENGINEER TO THE P.A.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.

(e) THIS P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER THAT PREPARED IT.

[Signature]
6/24/07



CASE I:
Max. PRESSURE RATING
+150, -150 psf

CASE II:
Max. PRESSURE RATING
+150, -150 psf

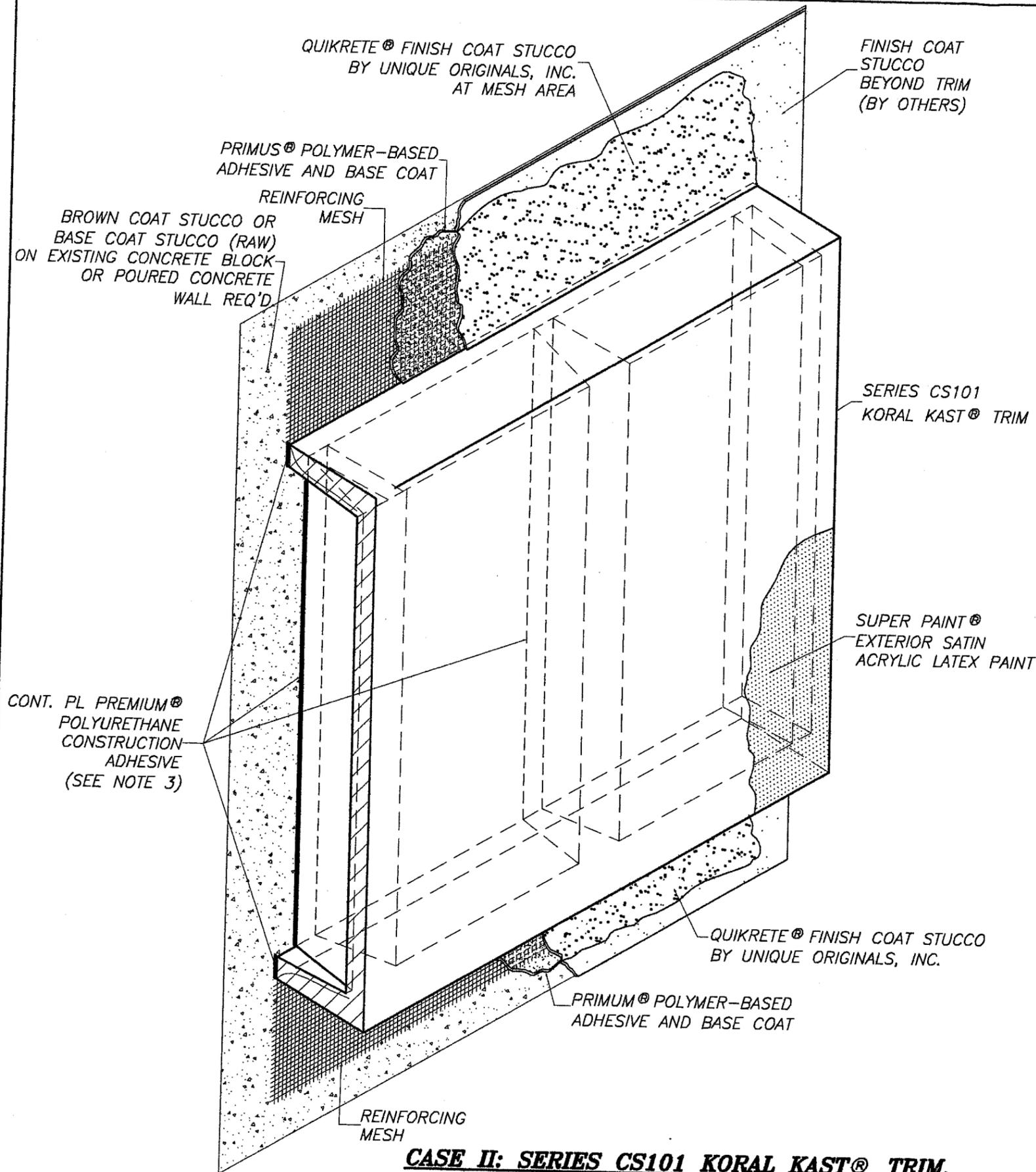
**TYPICAL SERIES CS101 KORAL KAST® TRIM'S
MAXIMUM DIMENSIONS AND
MAXIMUM PRESSURE RATING**

N.T.S.

Approved as complying with the Florida Building Code
Date: 10/4/07
Drawn: 07-0813.02
Checked: [Signature]
By: [Signature]

F.B.C. (High Velocity Hurricane Zone)

 TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone: (305)871-1530 Fax: (305)871-1531 EB-0008719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167	SERIES CS101 KORAL KAST® TRIMS OVER STUCCO	I.A. DRAWN BY:
	UNIQUE ORIGINALS, INC. 3550 NW 58th STREET MIAMI, FL 33142	06/13/07 DATE
REV. No DESCRIPTION DATE REV. No DESCRIPTION DATE	1 - - 3 - -	07-160 DRAWING No
2 - - 4 - -	SHEET 1 OF 3	



INSTALLATION PROCEDURES FOR EXTERIOR APPLICATION OVER STUCCO.

1. SUBSTRATE MUST BE BROWN COAT STUCCO OR BASE COAT STUCCO WITH A MINIMUM CURE PERIOD OF 48 HOURS. IRREGULARITIES SHOULD BE LESS THAN 1/8" THICK AND SURFACE SHOULD BE CLEAN, DRY, AND FREE OF OIL, GREASE, DIRT AND LOOSE MATERIALS. STUCCO SHALL COMPLY WITH SECTION 2516 OF THE F.B.C.
2. KORAL KAST® TRIMS ARE MANUFACTURED BY UNIQUE ORIGINALS, INC, MADE OF A PROPERTY RESIN. KORAL KAST® TRIMS CAN BE SOLID OR HOLLOW. A REINFORCING MESH EXTENDS ALONG THE EDGES OF THE PRODUCT. THIS REINFORCING MESH MANUFACTURED BY DRYVIT SYSTEMS, INC., OR EQUIVALENT, IS AN OPEN WEAVED TREATED GLASS FIBER, WITH A WEIGHT OF 4.3 OZ. PER SQUARE YARD AND TENSILE STRENGTH OF 150 PLI. ONE SIDE OF THE MESH IS CONTINUOUSLY EMBEDDED INTO THE RESIN WITH 4" MINIMUM PENETRATION; THE OTHER SIDE EXTENDS OUT BY AT LEAST 4" ALONG THE EDGES. THE KORAL KAST® TRIMS ARE SHIPPED WITH A PRIMER BASE COAT. TRIMS SHALL BE APPLIED WITH A FINAL ACRYLIC EXTERIOR LATEX PAINT. PAINT TO CONFORM SUPER PAINT® EXTERIOR SATIN LATEX.
3. APPLY PL PREMIUM® POLYURETHANE ADHESIVE MANUFACTURED BY OSI SEALANTS INC. OR EQUIVALENT, TO THE ENTIRE AREA OF THE KORAL KAST® TRIM THAT WILL COME IN CONTACT WITH THE WALL FOR HOLLOW TRIMS, AND APPLY A MINIMUM 1/4" BEAD EVERY 2" FOR SOLID TRIMS. ALSO APPLY PL PREMIUM® POLYURETHANE ADHESIVE AT VERTICAL RIBS AT 16" O.C. MAXIMUM. THESE RIBS DO NOT HAVE MESH.
4. CONNECT KORAL KAST® TRIMS TO WALL SURFACE BY PRESSING GLUED SURFACES OF THE TRIM TO WALL SURFACE. HOLD IN PLACE FOR 1 TO 2 MINUTES. IF THE ADHESIVE IS INSUFFICIENT TO SUPPORT THE KORAL KAST® TRIM, USE MECHANICAL FASTENERS TO SUPPORT UNTIL ADHESIVE IS CURED. MECHANICAL FASTENERS SHALL BE 3/16" OR 1/4" TAPCON ANCHORS WITH CORROSION RESISTANT COATING OR EQUIVALENT, SPACED AT 24" MAXIMUM BETWEEN CENTERS, AND WITH 1 1/4" MINIMUM PENETRATION. ALLOW A MINIMUM OF 24 HOURS TO CURE.
5. THOROUGHLY MIX 1 TO 1 BY WEIGHT OF PORTLAND CEMENT TYPE I OR II AND PRIMUS®, A POLYMER BASED PRODUCT MANUFACTURED BY DRYVIT SYSTEMS, INC. OR EQUIVALENT. ALLOW THE MIXTURE TO SET FOR 5 MINUTES.
6. APPLY ONE COAT OF THE PRIMUS® AND PORTLAND CEMENT MIX ON WALL SURFACE UNDERNEATH REINFORCING MESH USING A STAINLESS STEEL NOTCHED TROWEL. FULLY EMBED THE REINFORCING MESH IN THE WET MIXTURE, TROWELING FROM THE TRIM TO THE EDGE OF THE REINFORCING MESH SO AS TO AVOID WRINKLES. THE OVERALL MINIMUM PRIMUS® MIXTURE THICKNESS SHALL BE SUFFICIENT TO FULLY COVE THE MESH, WITH AN APPROXIMATED MINIMUM THICKNESS OF 1/4".
7. AFTER THE PRIMUS® MIXTURE IS CURED A MINIMUM OF 24 HOURS, APPLY A COAT OF STUCCO FINISH OVER ADJACENT WALL AND OVER THE REINFORCED MESH AREA PREVIOUSLY COVERED WITH PRIMUS® MIX UP TO THE EDGE OF THE KORAL KAST® TRIM USING A STAINLESS STEEL TROWEL AND FLOATED TO A DESIRED TEXTURE.

**CASE II: SERIES CS101 KORAL KAST® TRIM,
36" Max. WIDE
INSTALLATION PROCEDURE
N.T.S.**

Approved in accordance with the Florida Building Code
Date: 10/4/07
NOA: 07-0013.02
Miami District Office
Division: *[Signature]*
By: *[Signature]*

F.B.C. (High Velocity Hurricane Zone)

 <small>TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1830 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167</small>	SERIES CS101 KORAL KAST® TRIMS OVER STUCCO	<small>IA DRAWN BY:</small>
	UNIQUE ORIGINALS, INC. <small>3550 NW 58th STREET MIAMI, FL 33142</small>	<small>06/13/07 DATE</small>
		<small>07-160 DRAWING No</small>
		<small>SHEET 3 OF 3</small>