



MIAMI-DADE COUNTY
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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

Pittsburgh Corning Corporation
800 Presque Isle Drive
Pittsburgh, PA 15239

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: Glass Block with 2-piece Aluminum Channel.

APPROVAL DOCUMENT: Drawing titled "KWIK 'N EZ Rigid Track Silicone System with THICKSET 90 Series Glass Block w/ 2 piece Aluminum Channel" sheets 1 and 2 of 2, dated 06/10/08, prepared by Pittsburgh Corning Corporation, signed and sealed by Carol D. Hays, Ph.D., 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: Large and Small Missile Impact Resistant

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 this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
 9/22/08

NOA No. 08-0731.08
Expiration Date: October 16, 2013
Approval Date: October 16, 2008
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing titled "KWIK'N EZ Rigid Track Silicone System with THICKSET 90 Series Glass Block w/ 2 piece Aluminum Channel" sheets 1 and 2 of 2, dated 06/10/08, prepared by Pittsburgh Corning Corporation, signed and sealed by Carol D. Hays, Ph.D., P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94along with marked-up drawings and installation diagram of KWIK'N EZ Rigid Track Silicone System THICKSET 90 Glass Block with 2-pc. Aluminum Channel, prepared by Architectural Testing, Inc., Test Report No. **79308.01-501-18**, dated 03/26/08, signed and sealed by Michael D. Stremmel, P.E.

C. CALCULATIONS

1. Anchor verification calculations prepared by Engineering Analytics, Inc., complying with F.B.C 2004, dated 07/29/08, signed and sealed by Carol D. Hays, Ph.D., P.E.

D. QUALITY ASSURANCE

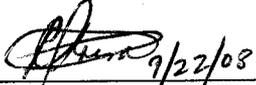
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **05-0912.08**, issued to Quaker Plastic Corporation, for their Silicon Extrusions used with Glass Block, approved on 12/01/05 and expiring on 12/01/10.

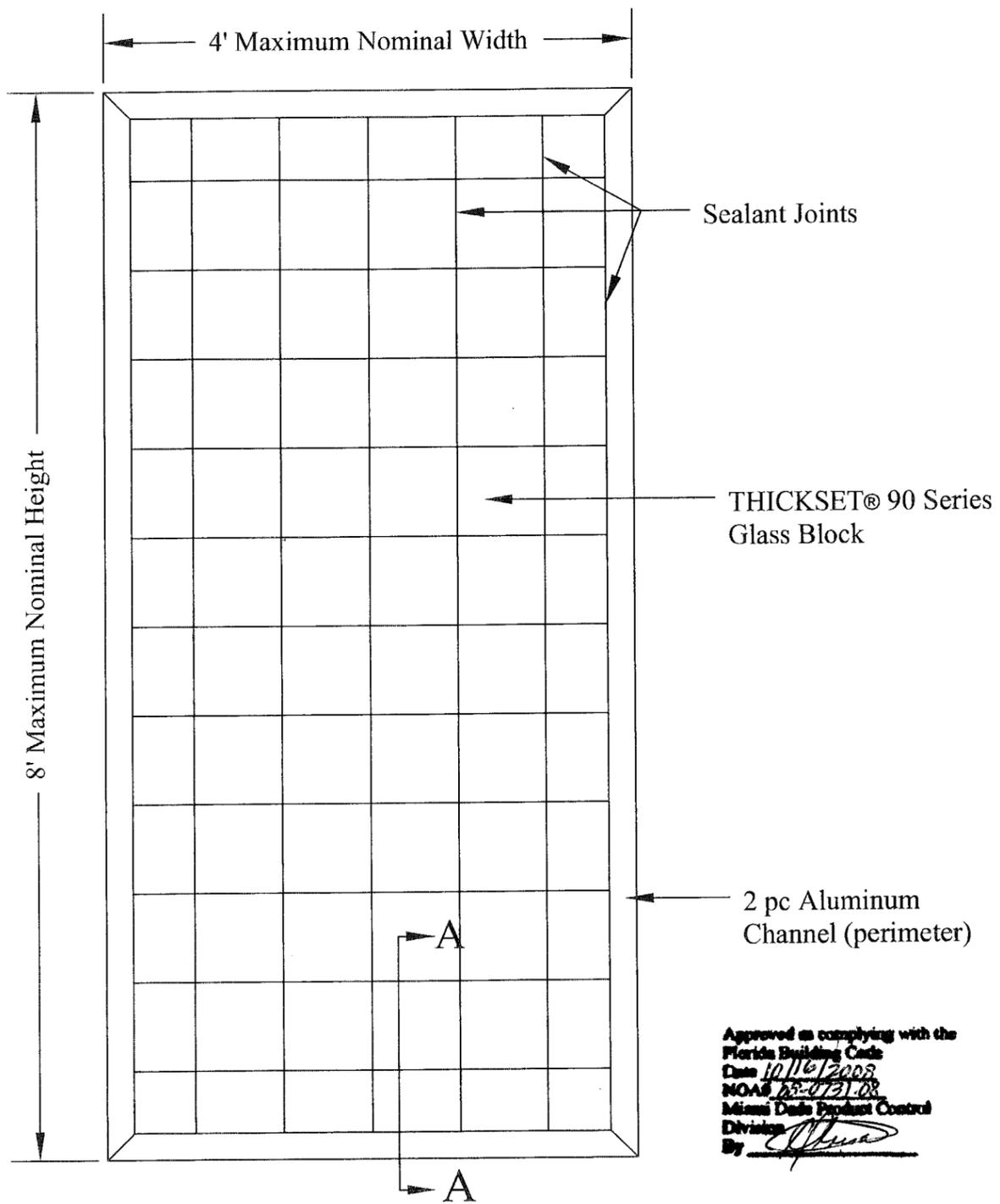
F. STATEMENTS

1. Statement letter of code conformance issued by Engineering Analytics, Inc., dated 07/29/08, signed and sealed by Carol D. Hays, Ph.D., P.E.
2. Statement letter of no financial interest issued by Pittsburgh Corning Corporation, dated 07/16/08, signed and sealed by Nicholas T. Loomis, P.E.
3. Laboratory compliance letter issued by Architectural Testing, Inc., for Test Report No. **79308.01-501-18**, dated 03/27/08, signed and sealed by Michael D. Stremmel, P.E.


9/22/08

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 08-0731.08

Expiration Date: October 16, 2013
Approval Date: October 16, 2008



| Pittsburgh Corning Glass Block | | | |
|---------------------------------------|---------|--|----------|
| Series | Pattern | Nominal Dim | Face Thk |
| Thickset® 90 | DECORA® | 8" x 8" x 4" and all other smaller face sizes | 0.75 in |
| Thickset® 90 | VUE® | 8" x 8" x 4" and all other smaller face sizes | 0.75 in |
| Thickset® 90 | ENDURA® | 8" x 8" x 4" and all other smaller face sizes | 0.75 in |

Specification Notes:

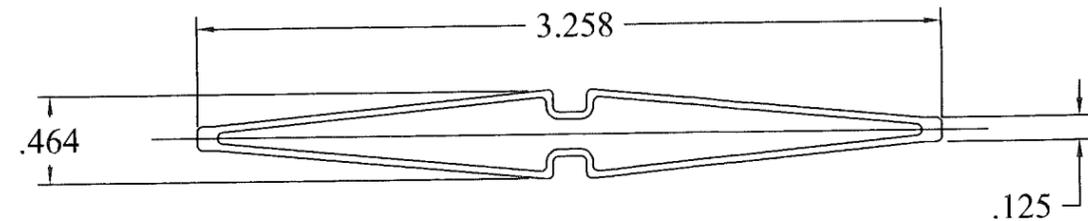
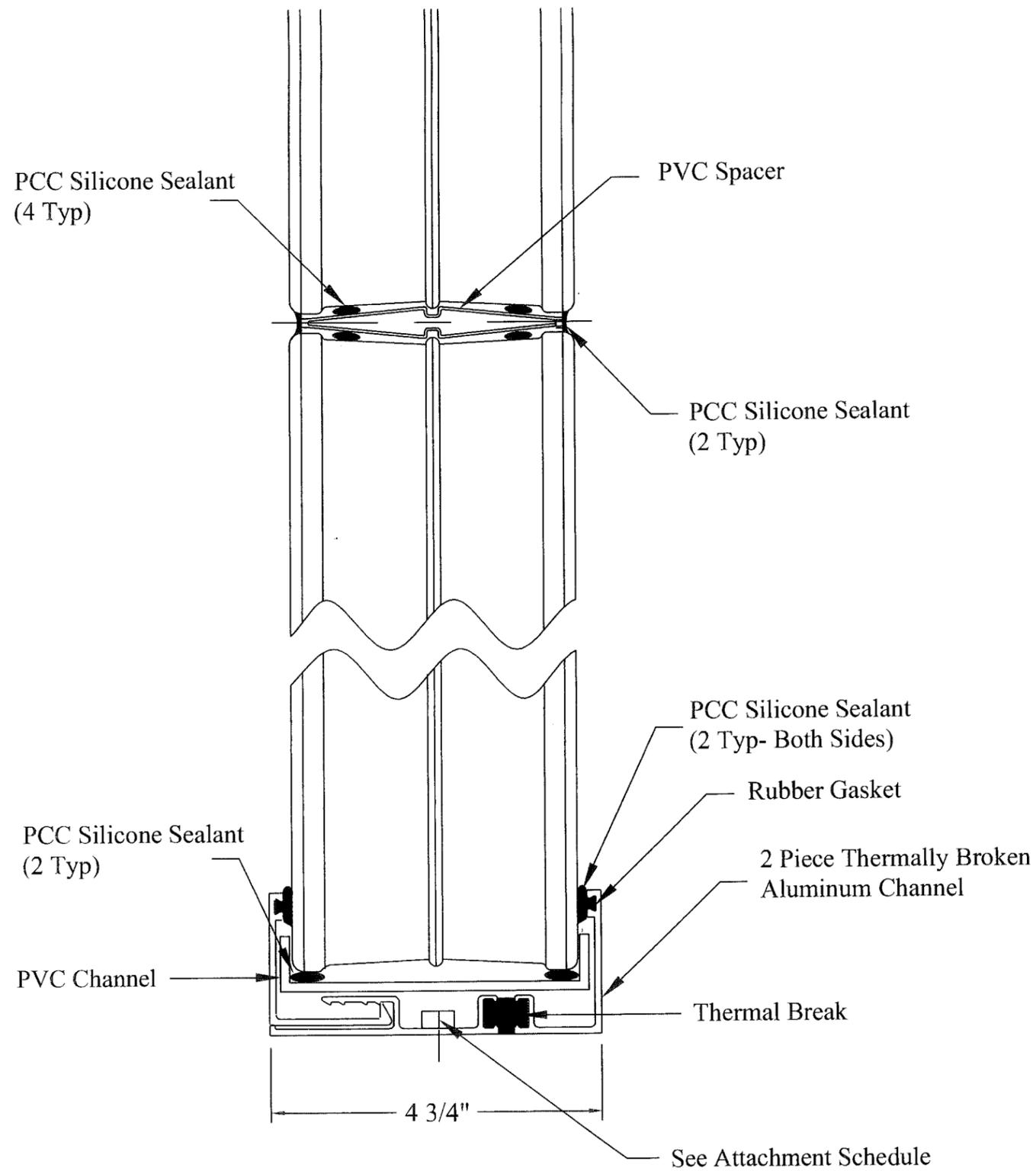
- **Glass Block Units:** THICKSET® 90 Series 8" x 8" x 4" (nominal size) and all other smaller face sizes, as manufactured by Pittsburgh Corning Corporation.
- **Supporting Frame:** A 1/8" thick two-piece aluminum channel with a thermal break, as available from Pittsburgh Corning Corporation. The two pieces consist of a base receptor that is directly anchored to any substrate. Glass block may be installed within the base receptor, piece by piece, or may be installed with prefabricated sections, or may be installed with one complete prefabricated unit. The snap-on piece is secured with a rubber mallet after the glass block have been placed. Frame orientation can accommodate installation from either the exterior or interior side of the building.
- **Plastic Channel and Spacers:** Extruded white rigid PVC. Rigid PVC plastic channel and spacers extruded by Quaker Plastic Corporation with NOA #05-0912.08 and as available from Pittsburgh Corning Corporation.
- **Sealant:** Pittsburgh Corning Glass Block Sealant. One part neutral fast curing structural silicone sealant.
- **Sealant Locations:** All horizontal and vertical exterior glass block joints; inside corners of supporting PVC base channel; two beads each above and below "long" horizontal spacer (no sealant required for "short" vertical spacers); perimeter joints between glass block and aluminum channel legs and over the rubber gaskets (both exterior and interior sides); and perimeter joints between aluminum channels and substrate walls (both exterior and interior sides).
- **Reinforcement:** Rigid PVC spacers between all horizontal and vertical glass block joints. Rigid PVC channel is required within the two-piece aluminum channel frame at the base (sill) to support the glass block panel and to protect the glass block edges. Placement of rigid PVC channels at sides (jamb) and top of glass block panel within the two-piece aluminum channel is optional. Spacers in the rigid PVC base (sill) channel are not required.
- **Anchorage Schedule:** The following anchorage is for the aluminum base receptor piece to the substrate walls:
 - Attachment to Steel: #14 x 3/4" long self-drilling screws or equal, at 12" on center.
 - Attachment to Concrete and Masonry: 3/16" x 1-1/4" minimum embedment Hilti Kwik Con II or equal, at 12" on center.
 - Attachment to Wood: #10 x 1-1/2" long wood screws or equal, at 8" on center.
- **Shim Spaces:** No shims were used during testing within a steel frame. There is at least a 1/4" per side adjustment space within the confines of the two-piece channel if required.

Approved as complying with the
 Florida Building Code
 Date 10/16/2008
 NOA# 05-0731.08
 Miami Dade Product Control
 Division
 By *[Signature]*

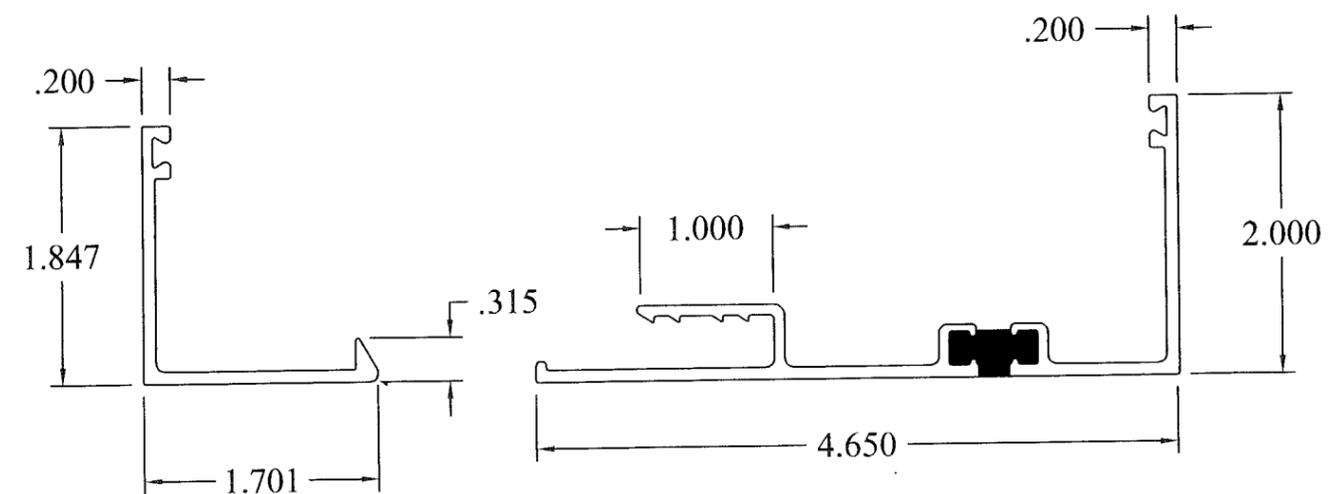
*Case J. King
 PE 36806
 7/29/08*

| |
|-------------------------|
| Impact Resistant |
| Design Pressure Rating |
| +/- 80 PSF |

| KWiK'N EZ® Rigid Track Silicone System with THICKSET® 90 Series Glass Block w/ 2 piece Aluminum Channel | | | | | |
|--|----------------|-------|--------------------------------|--|-----------|
| DESIGN: N.T.L. | SCALE: N.T.S. | REV: | Pittsburgh Corning Corporation | | DRAWING#: |
| DRAWN BY: JRG | DATE: 06/10/08 | BY: | 800 PRESQUE ISLE DRIVE | | SHEET 1 |
| CHECKER: N.T.L. | DATE: 06/10/08 | DATE: | PITTSBURGH, PA 15239 | | OF 2 |

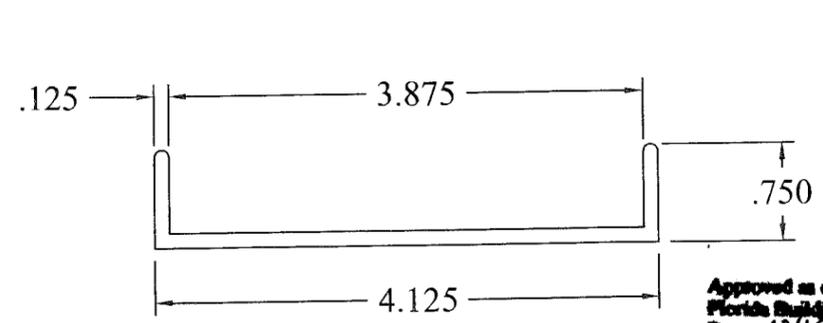


PVC Spacer (No: QP-0514)
NOA#05-0912.08

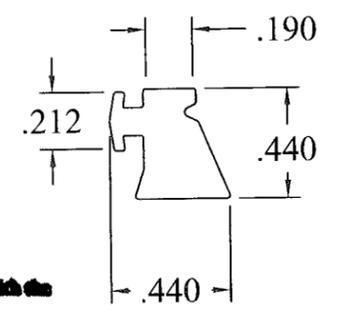


Closure Angle

Primary Receptor



PVC Channel (No: QP-0477)
NOA#05-0912.08



Gasket

Approved as complying with the
Florida Building Code
Date 10/16/2008
NOA# 05-073128
Miami Dade Product Control
Division
By *[Signature]*

Detail A-A
(Head, Sill, Jamb)

*Carol J. Hays
PE 36006
7/29/08*

| | | | | | | | | | |
|---|----------------|-------|------------------------|--|--|--------------------------------|--|-----------|-------|
| KWIK'N EZ® Rigid Track Silicone System with THICKSET® 90 Series Glass Block w/ 2 piece Aluminum Channel | | | | | | Pittsburgh Corning Corporation | | DRAWING#: | SHEET |
| DESIGN: N.T.L. | SCALE: N.T.S. | REV: | 800 PRESQUE ISLE DRIVE | | | PITTSBURGH, PA 15239 | | | 2 |
| DRAWN BY: JRG | DATE: 06/10/08 | BY: | | | | | | | |
| CHECKER: N.T.L. | DATE: 06/10/08 | DATE: | | | | | | | OF 2 |