



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Kalwall Corporation
1111 Candia Road
Manchester ,NH 03105

Your application for Notice of Acceptance (NOA) of:

Translucent Sandwich Panels

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0710.01
EXPIRES: 07/06/2006

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 08/16/2001

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1** This renews the Notice of Acceptance No. 98-0610.07 that was issued on 12/15/98. It approves a light transmitting wall panel as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, (SFBC) 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23 do not exceed the Design Pressure Rating values indicated on the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1** The **Kalwall Light Transmitting Wall Panel** and its components shall be constructed in strict compliance with the following documents: Drawing No. K95-0030, titled "Kalwall Light Transmitting Sandwich Panels-Walls", prepared by Kalwall Corporation, dated 12/16/94 with last revision on 10/08/98, Sheets 1A through 2A of 2 bearing the Miami-Dade County Product Control Renewal Stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1** Panels with dimensions equal or smaller than those shown in the approved drawings shall qualify under this approval, as long as all components are exactly as described in this approval.

4. INSTALLATION

- 4.1** Kalwall Light Transmitting panels shall be installed in strict compliance with the approved drawings.
4.2 The installation of this product up to 30 feet above grade, **will** require a hurricane protection system, but for installations 30 feet above grade **will not** require a hurricane protection system

5. LABELING

- 5.1** Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

- 6.1** Application for Building Permit shall be accompanied by copies of the following:

- 6.1.1** This Notice of Acceptance
6.1.2 Duplicate copies of the approved drawings as identified in Section 2 of this Notice of Acceptance clearly marked to show the components selected for the proposed installation.
6.1.3 Any other documents required by the Building Official or the SFBC in order to properly evaluate the installation of this system.



Candido Font, PE, Sr., Product Control Examiner
Product Control Division

KALWALL CORPORATION

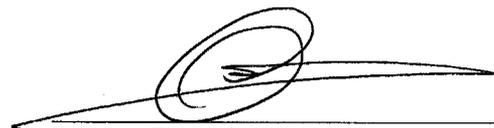
ACCEPTANCE NO: 01-0710.01

APPROVED: AUG 16 2001

EXPIRES: July 6, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.



Candido Font, PE, Sr., Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

APPROVED: AUG 16 2001

EXPIRES: July 6, 2006

NOTICE OF ACCEPTANCE:EVIDENCE SUBMITTED

A DRAWINGS

1. Drawings prepared by Kalwall Corporation titled "Kalwall Light Transmitting Sandwich Panels-Walls", number K95-0030, dated 12/16/94, with last revision on 10/08/98, sheets 1A & 2A of 2, signed and sealed by E. K. Kaminski, PE.

B TEST

	Laboratory Report	Test	Date	Signature
1.	ATI 15224	PA 201,202 & 203	05/09/95	A. N. Reeves, PE.
2.	FMR OZ2F7.CY	ASTM D-635	05/10/95	D. W. Lewin
3.	FMR OQ2F1.CY	ASTM D-635	04/19/88	D. W. Lewin
4.	FMR OZ604.AM	ASTM D-1929	04/11/95	A. L. Borman
5.	FMR OZ6Q4.AM	ASTM D-1929	05/05/95	A. L. Borman
6.	FMR OZ6Q4.AM	ASTM D-1929	05/05/95	A. L. Borman
7.	U.L. R-7415	ASTM E-84	12/13/83	R. N. Walke
8.	U.L. R-7415	ASTM E-84	11/18/96	J. G. Marzullo
9.	FMR 2F2Q7.AC	ASTM E-84	07/07/82	T. M. Chestnut
10.	K.C.&E.L. 589	ASTM D-638	04/28/95	G. P. Reed

C CALCULATIONS

1. Span analysis, dated 02/21/95, pages 1 to 4 of 4, prepared by K.R. Schmidtchen, signed and sealed by E.K. Kaminski, PE.

D MATERIAL CERTIFICATION

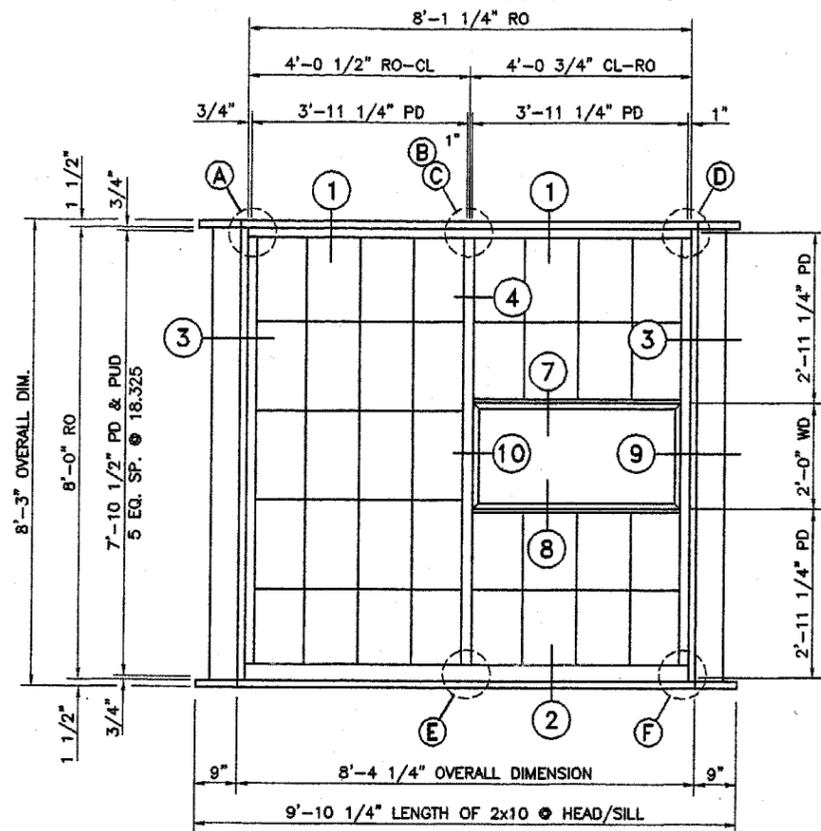
N/A

E STATEMENTS

1. Letter of code compliance issued by Kalwall Corporation on 03/28/95, signed and sealed by E. K. Kaminski, PE.
2. Letter of no-financial interest issued by Kalwall Corporation on 01/03/95, signed and sealed by E. K. Kaminski, PE.
3. Letter of no-change issued by Kalwall on 07/26/01, signed by H.W. Seymour.
4. Letter of current engineering practice issued by K-Engineering /Manufacturing with no date, signed and sealed by E. Kaminski, PE.



Candido Font, PE, Sr., Product Control Examiner
Product Control DivisionE1



WALL ELEVATION

DESIGN PRESSURE RATING
100 PSF

PANEL GENERAL NOTES
 PANEL SIZE (NOMINAL) 4' X 8'
 PANEL THICKNESS 2 3/4"
 GRID PATTERN 12' X 18" I-BEAM
 EXT. FACE .070" FRP
 INT. FACE .045" FRP
 CORE I-BEAM FLANGE ALUM 6005-T5
 CORE I-BEAM WEB FRP OR ALUM 6005-T5
 PERIMETER I-BEAM ALUM 6005-T5

FACE PROPERTIES	INTERIOR .045"	EXTERIOR .070"
SELF IGNITION	(ASTM 1928) S170 25-200	986°F
AVE. TIME BURNING	(ASTM D635) 914°F 13.1sec 0.3sec	—
AVE. EXTENT OF BURNING	(ASTM D635) 17.7mm 7.3mm	—
AVE. BURNING RATE	(ASTM D635) —	3.23cm/min
FLAME SPREAD	(ASTM E84) 45 20	160
SMOKE DEVELOPED	(ASTM E84) 350 200	246
TENSILE TEST	(ASTM D638) —	BEFORE* AFTER 15,200psi 15,000psi

*4 YEAR EXPOSURE AT EVERGLADES
LABORATORY, SPECIMEN #589

OTHER GENERAL NOTES
 TYPE OF WINDOW 2 3/4" HP SASH TYPE A
 GLAZING .59" THICK LAMINATED GLASS
 #61 BEAD BUTYL SEALANT
 NOREX BUTYL COATED FOAM TAPE
 KALSEAL GE SILICONE - SILGLAZE II
 SYSTEM SCREWS 18-8 SERIES STAINLESS STEEL
 ANCHORING SCREWS 410 STAINLESS STEEL

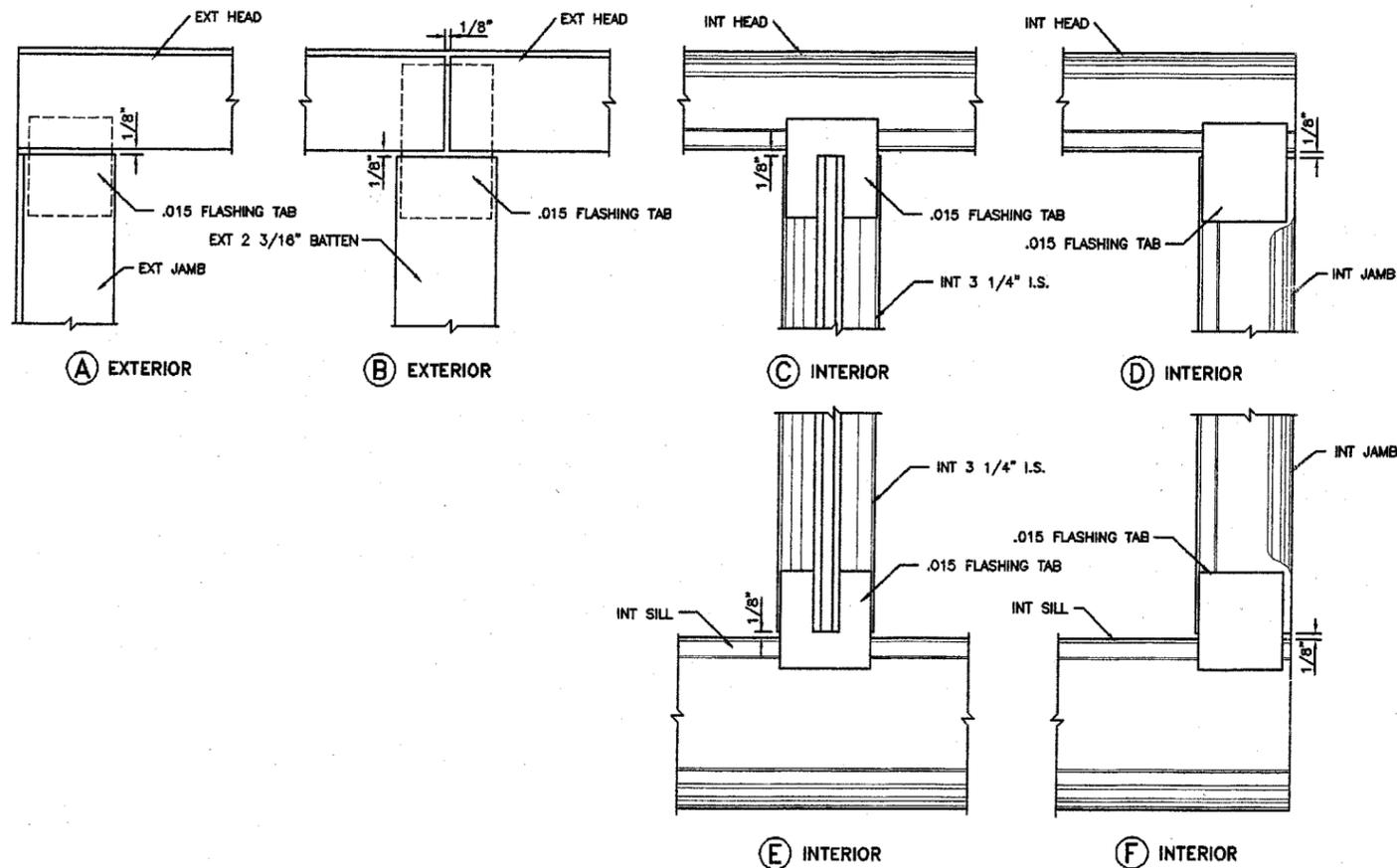
THIS PANEL WAS TESTED PER S.F.B.C. PROTOCOLS
201, 202, & 203 (SMALL MISSILE)

GENERAL NOTES

- Installation**
 A. Labor BY KALWALL
 B. Field Dimensions
 C. Bed Caulking
 D. Fasteners to Building
- Roof**
 A. () Skyroof () Skylight () Kalbarve
 B. Actual Slope
 C. Design Live Load PSF
 D. Design Wind Load PSF
 E. Perimeter Corners Factory Mitred & Welded
 F. Perimeter Factory Assembled to Panels
- Windows**
 A. Type 2 3/4" "HP" SASH TYPE "A"
 B. Glazing By KALWALL
 C. Glazing .590 THICK LAMINATED GLASS
 D. Hardware
 E. Aluminum Screens NO
 F. Special
- Wall**
 A. (XX) Std. System () Thermal Break () Expl. Venting
 B. (XX) Exterior Fastened () Interior Fastened
 C. Design Wind Load 100 PSF
- Finish for Exposed Aluminum**
 A. (XX) Mill
 B. () Corrosion Resistant
 C.
- Special Materials**
 A. 3 1/2" DEEP HEAD SILL
 B. 3 1/4" I.S. (HEAVY)
 C. #4SSSE
 D. HEAVY I & EXTRA I-BEAM

RELEASE DIRECTORY

RELEASE NUMBER	DATE	BY	SHEET NUMBERS			
			B	P	F	S
2	1/5/95	S.B.	1A	2	4,5	10-17



PRODUCT RENEWED

ACCEPTANCE No. 01-0710.01

EXPIRATION DATE 07/06/2006

By *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE December 15 19 98
 BY *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 98-0610-07

[Handwritten Signature]
 11-17-98

FOR DADE COUNTY USE

FLORIDA PE: EDWIN K. KAMINSKI - NO. 33505			
3	10/8/98	FORMAT	AC KRS
2	1/5/95	RELEASE #2	S.B.
REV.	DATE	DESCRIPTION	CHECKED BY
KALWALL LIGHT TRANSMITTING SANDWICH PANELS - WALLS		ORDER NO. 959001	REL. NO.
		DRAWN BY: DATE: S.B. 12/16/94	
		CHECKED BY: DATE: G.P.R.	PROJ.CRD. G.R.
KALWALL CORPORATION MANCHESTER, N.H.		DRAWING NO. K95-0030	SHEET NO. B 1A OF 2

