



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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Kalzip, Inc.
161 W. Lincolnway, Suite E
Valparaiso, IN 46383

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Kalzip 65/305 Aluminum Standing Seam Roof Panels System

APPROVAL DOCUMENT: Drawing titled " Kalzip 65/305 x 1.0 mm Thick Aluminum Panel ", sheets 1 through 14 of 14, prepared by Kalzip , Inc., dated May 27, 2021, last revision #E dated April 25, 2024, signed and sealed by Dan P. Vinet, P.E., on April 29, 2024, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, Koblenz, Germany; Onsite (USA/Canada)- portable Roll Form and the 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, evidence submitted page E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



NOA No. 23-1122.05
Expiration Date: 05/16/2029
Approval Date: 05/16/2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS:

1. *Drawing titled " Kalzip 65/305 x 1.0 mm Thick Aluminum Panel ", sheets 1 through 14 of 14, prepared by Kalzip , Inc., dated May 27, 2021, last revision #E dated April 25, 2024, signed and sealed by Dan P. Vinet, P.E., on April 29, 2024.*

B. TESTS

1. *Test report on Large Missile Impact Test, prepared by Farabaugh Engineering and Testing, Inc., Test Report # T190-22, dated 05/10/22, signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Water Spray Leakage Test per FM 4471, Appendix G, prepared by Farabaugh Engineering and Testing, Inc., Test Report # T190-22, dated 05/10/22, signed and sealed by Daniel G. Farabaugh, P.E.*
3. *Structural Performance Test report per TAS 125-03 per ASTM E 1592-01, prepared by Farabaugh Engineering and Testing, Inc., Test Report # T190-22, dated 05/10/22, signed and sealed by Daniel G. Farabaugh, P.E.*
4. *Wind and Wind Driven Rain Resistance Test report per TAS 100-95, prepared by Farabaugh Engineering and Testing, Inc., Test Report # T192-22, dated 04/24/22, signed and sealed by Daniel G. Farabaugh, P.E.*

C. CALCULATIONS:

1. *Calculations Maximum allowable Design Pressures", dated 11/22/2021, 42 pages, prepared, signed and sealed by Dan Vinet, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS:

1. *Tensile Test per ASTM E-8-13a, Test Report # T190-22, dated 05/03/33, prepared by Spectrochemical Lab- Material Evaluation, Inc.*

F. STATEMENTS

1. *Florida Building Code, 2023 Edition, compliance letter prepared by Kalzip, dated 11/13/2023, signed & sealed by Dan Vinet, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1122.05
Expiration Date: 05/16/2029
Approval Date: 05/16/2024

Notes

1. All Dims in mm Unless Otherwise Stated
2. Do Not Scale From This Drawing
3. Isolate All Dissimilar Materials With Barrier Tape
4. If in Doubt, ASK

Approved as complying with the
Florida Building Code
Date 05/16/2024
NOA# 23-1122-05
Miami Dade Product Control

By *H. J. A. M. M.*

E	AH	25.04.24	Additional Info Added
D	AH	20.10.23	Additional Info Added
C	AH	18.05.22	Handed
B	AH	10.08.21	Lap Included
A	AH	28.05.21	First Issue
Revision	Drawn	CHK'D	Date
			Description



Kalzip Ltd
Haydock Lane, Haydock, St. Helens
Merseyside, WA11 9TY

Tel: 01942 717072
Fax: 01942 715713

This drawing is copyright and is issued on the express condition that it is not to be copied or disclosed by or to any unauthorised person or firms without prior consent in writing from Kalzip.

Drawing Status:

Construction

Project:

Dade County Testing

Client:

Kalzip

Title:

Test Rig Plan

Scale: NTS

Date: 27.05.21

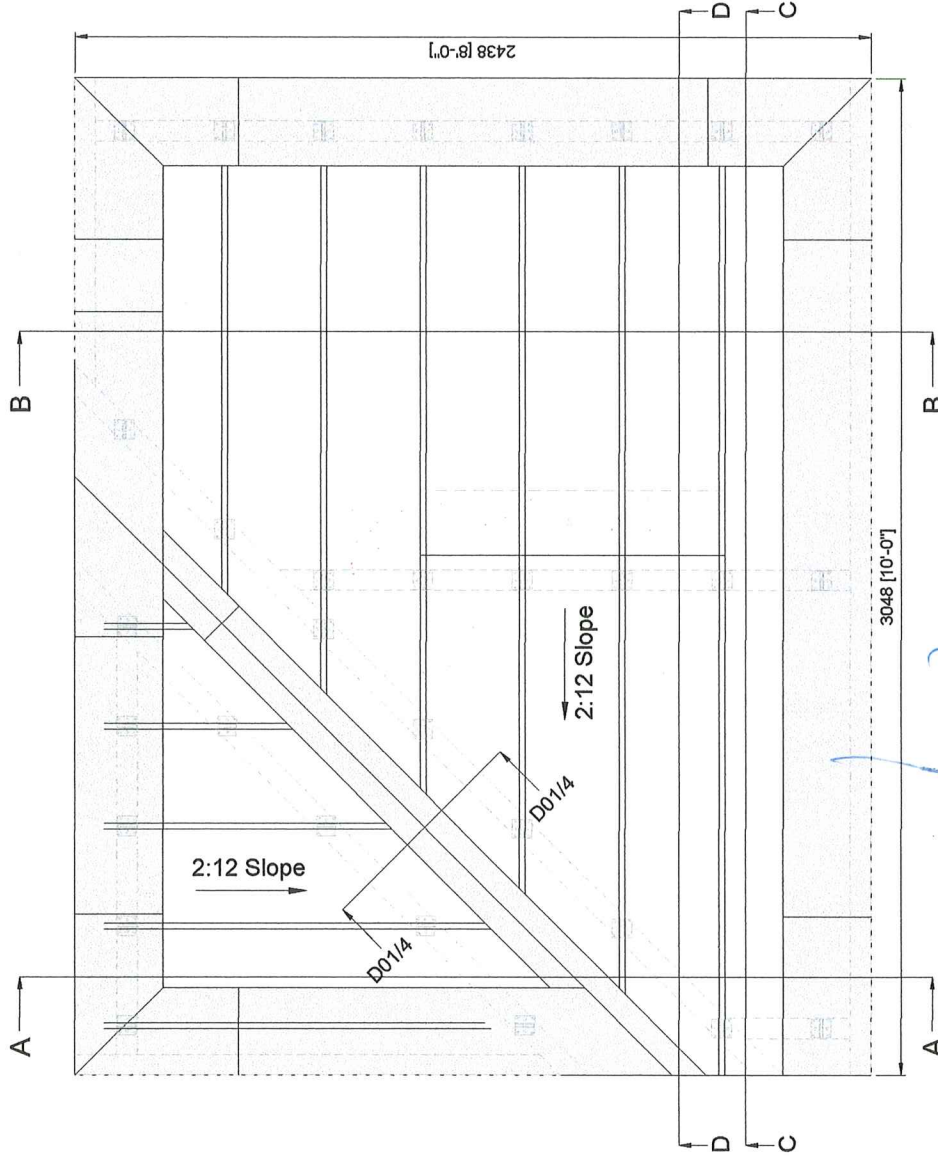
Drawn: AH

Dwg No.

TEST-KZ-P01

Rev:

E



Maximum Allowable Negative Load
57.00 psf for maximum span of 2'-0"
48.00 psf for maximum span of 5'-0"
Maximum Allowable Positive Load
182.00 psf for maximum span of 2'-0"
125.00 psf for maximum span of 5'-0"
Fy of the Aluminum Roof Panel must be 23.50 ksi minimum.

Spec: Kalzip 65/305 x 1.0 mm thick aluminium
Company: Kalzip GmbH
Page: 1 of 14
Professional Engineer: Daniel P. Vinet
License number: PES5637

Notes

1. All Dims in mm Unless Otherwise Stated
2. Do Not Scale From This Drawing
3. Isolate All Dissimilar Materials With Barrier Tape
4. If in Doubt, ASK

Handwritten signature and date: 4/29/2024

Approved as complying with the
Florida Building Code
Date 05/16/2024
NOA# D3-1122-05
Miami Dade Product Control
By Heidi A. Miller

Revision	Drawn	CHK'D	Date	Description
D	AH		20.10.23	Additional Info Added
C	AH		18.05.22	Handed
B	AH		10.08.21	Section D-D Added
A	AH		28.05.21	First Issue



Kalzip Ltd
Haydock Lane, Haydock, St. Helens
Merseyside, WA11 9TY

Tel: 01942 717072
Fax: 01942 715713

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Drawing Status:

Construction

Project:

Dade County Testing

Client:

Kalzip

Title:

Test Rig Sections

Scale: NTS

Date: 27.05.21

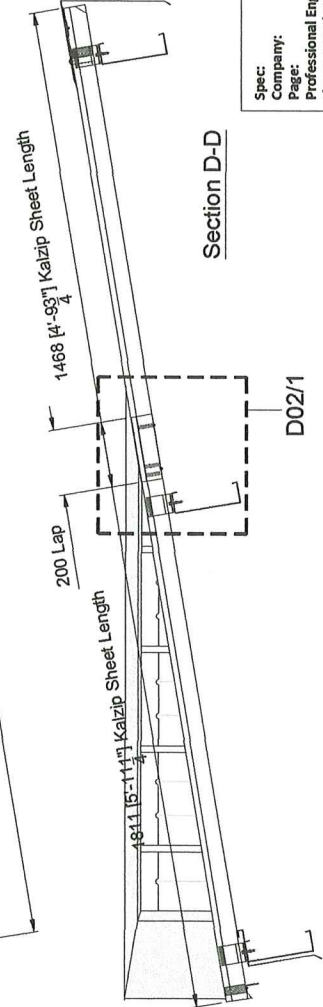
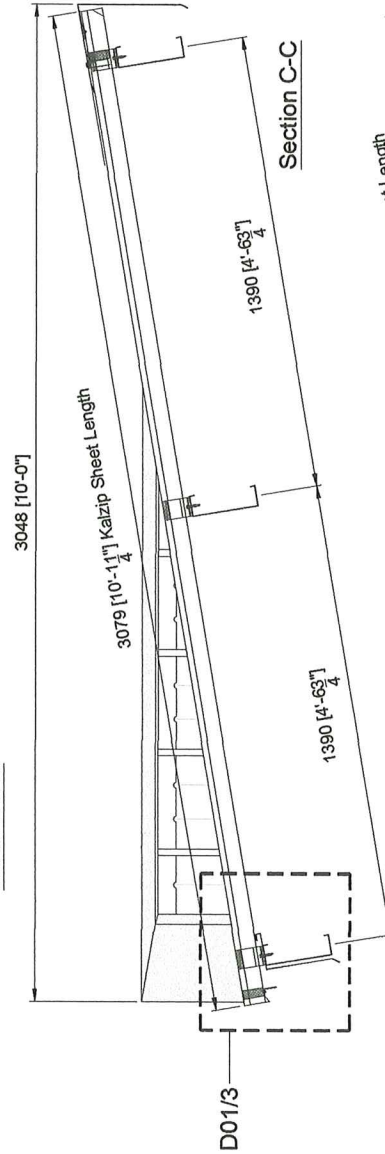
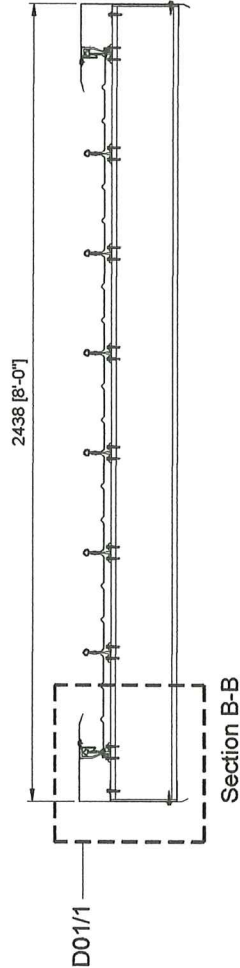
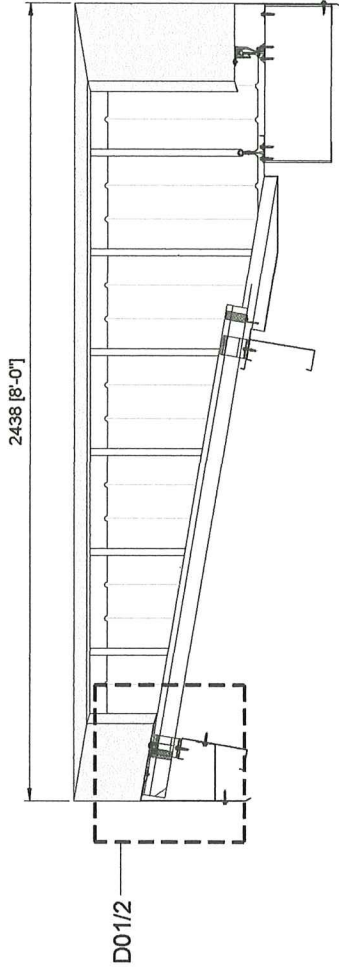
Drawn: AH

Checked:

Dwg No. TEST-KZ-S01

Rev: D

Spec: Kalzip 65/305 x 1.0 mm thick aluminum
Company: Kalzip GmbH
Page: 2 of 14
Professional Engineer: Daniel P. Vinet
License number: PES5637



1. All Dims in mm Unless Otherwise Stated
2. Do Not Scale From This Drawing
3. Isolate All Dissimilar Materials With Barrier Tape
4. If in Doubt, ASK

F1 - 1/4" - 14 x 1.5" stainless steel hex head self drilling fasteners

R1 - 4.8mm dia x 9.8mm aluminum blind sealed rivet w/ stainless steel mandrel

Approved as complying with the
Florida Building Code
Date 05/16/2024
NOA# 23-122-05
Miami Dade Product Control
By Heather M. M...

Revision	Drawn	CHK'D	Date	Description
A	AH		28.05.21	First Issue
B	AH		17.06.21	Eaves Flashing Added
C	AH		18.05.22	Handed, As Built Info
D	AH		20.10.23	Additional Info Added



Kaizip Ltd
Haydock Lane, Haydock, St. Helens
Merseyside, WA11 9TY
Tel: 01942 717072
Fax: 01942 715713

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Drawing Status:

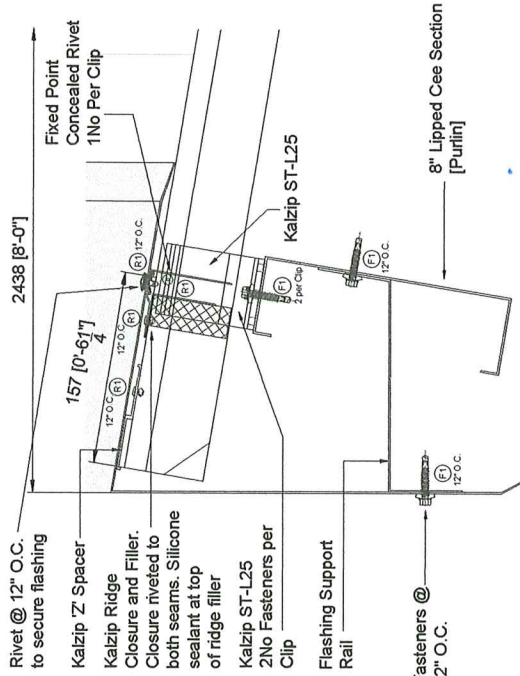
Construction

Project: Dade County Testing

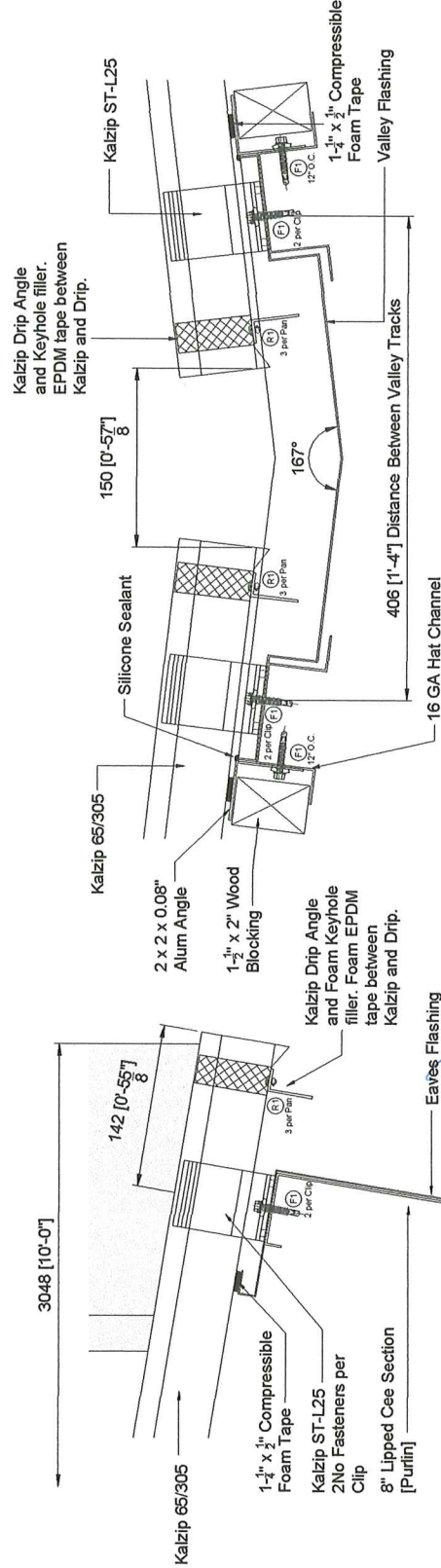
Client: Kalzip

Title: Test Rig Detail Sheet 1

Scale:	NTS	Date:	27.05.21	Drawn:	AH	Checked:	
Dwg No.		TEST-KZ-D01				Rev:	D



2. Ridge/High Eaves Detail



3. Low Eaves Detail

4. Valley Detail

Spec: Kalzip 65/305 x 1.0 mm thick aluminum
Company: Kalzip GmbH
Page: 3 of 14
Professional Engineer: Daniel P. Vinet
License number: PES5637

T:\DT\Projects\NA Projects\Dade County Testing\Test Rig 20.10.23.dwg

4/29/2024

Notes

1. All Dims in mm Unless Otherwise Stated

2. Do Not Scale From This Drawing

3. Isolate All Dissimilar Materials With Barrier Tape

4. If in Doubt, ASK

Fastener Specification

F1 - 3/4" - 14 x 1.5" stainless steel hex head self drilling fasteners

R1 - 4.8mm dia x 9.8mm aluminum blind sealed rivet w/ stainless steel mandrel

Approved as complying with the Florida Building Code

Date 05/16/2024

NOA# 23-12205

Miami Dade Product Control

By *[Signature]*

C	AH	20.10.23	Additional Info Added
B	AH	10.03.22	Cut Seam length amended
A	AH	10.08.21	First Issue

Revision	Drawn	CHK'D	Date	Description

Kalzip Ltd
Haydock Lane, Haydock, St. Helens
Merseyside, WA11 9TY
Tel: 01942 717072
Fax: 01942 715713

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Drawing Status:

Construction

Project: Dade County Testing

Client: Kalzip

Title: Test Rig Detail Sheet 2

Scale: NTS

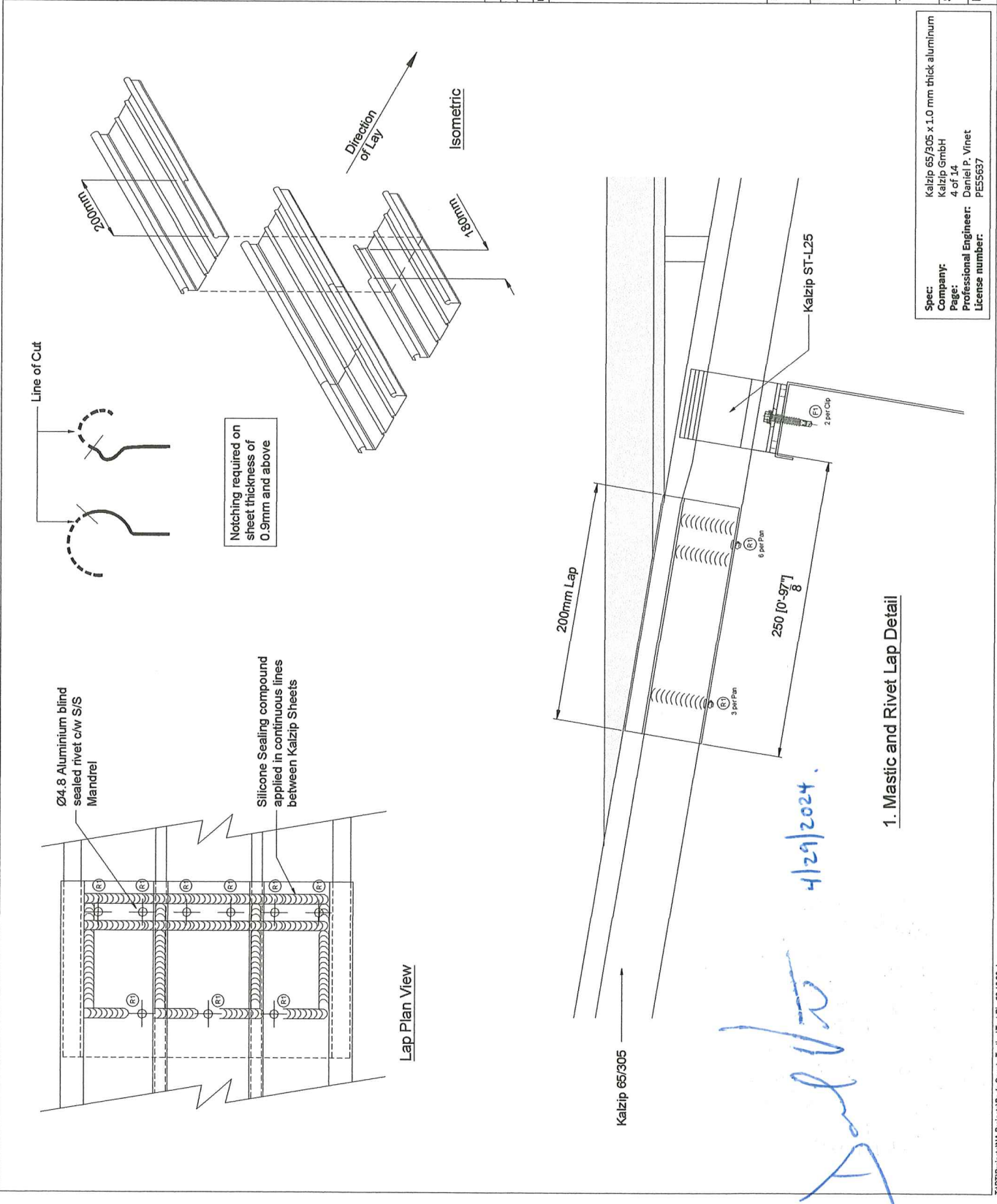
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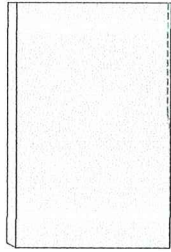
Drawn: AH

Checked:

Dwg No. TEST-KZ-D02

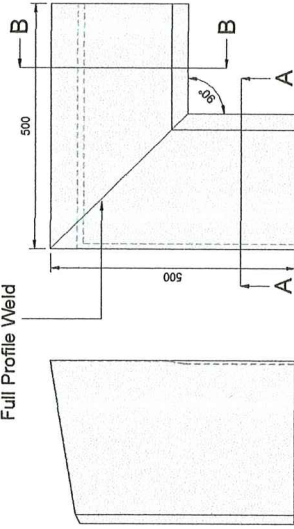
Rev: C





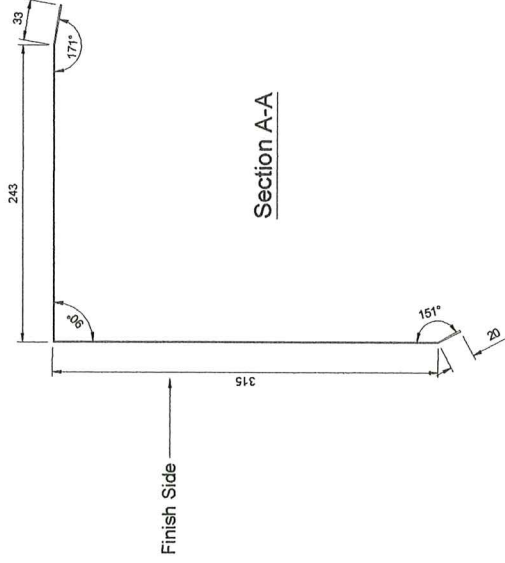
Side Elevation

Full Profile Weld



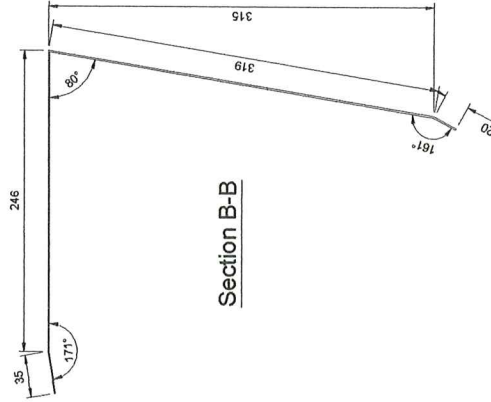
Top View

Side Elevation



Section A-A

Finish Side

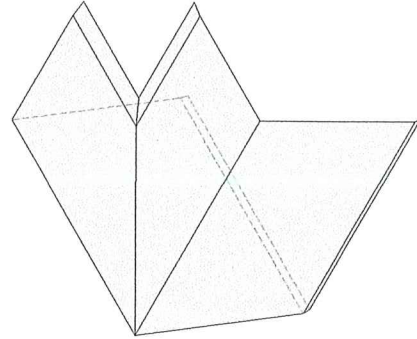


Section B-B

Finish Side

Approved as complying with the
Florida Building Code
Date 05/16/2024
NOA# 23-1122-05
Miami Dade Product Control
By H. A. V. V.

Spec: Kalzip 65/305 x 1.0 mm thick aluminum
Company: Kalzip GmbH
Page: 5 of 14
Professional Engineer: Daniel P. Vinet
License number: PES5637

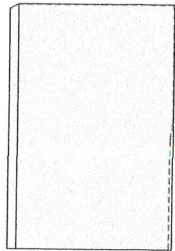


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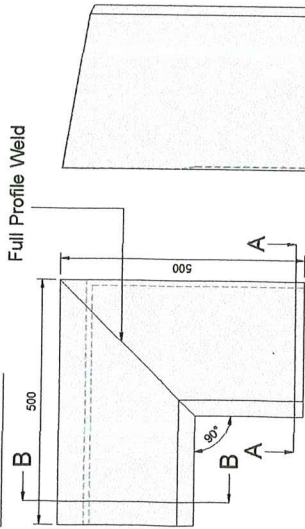
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Dicke	THICKNESS	1.0mm	Position	ITEM	Zeichnungs-nr.	F-01a
Länge	LENGTH	As Stated	Bauvorhaben		DRAWING NO.	
Material	MATERIAL	Aluminium	PROJECT TITLE		Marke	F-01a
Stückzahl	PIECES	1	Kunde		COMP. MARK	
			COSTUMER NAME		Datum	
			Pos/AB-Nr/Ver		DATE	
			ORDER-NO.		Revision	
					REVISION	

Name	Signature	30.11.21	01
Kalzip GmbH	Kalzip GmbH		



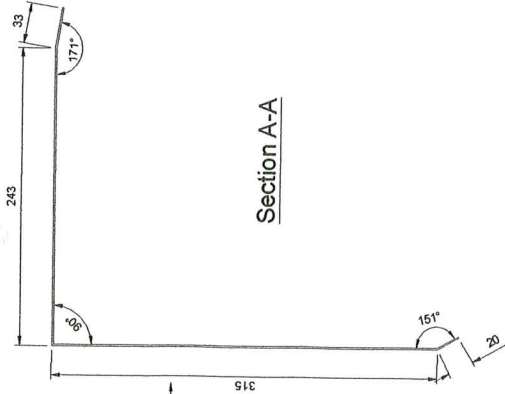
Side Elevation



Top View

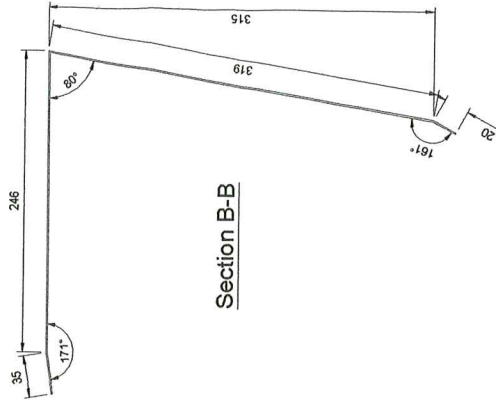
Side Elevation

Finish Side



Section A-A

Signature
11/13/23

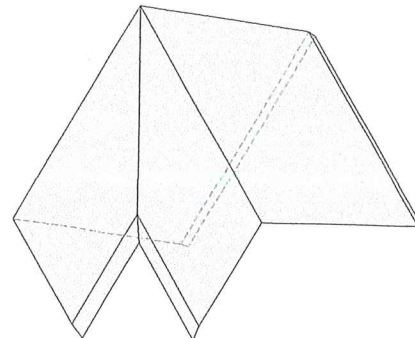


Section B-B

Approved as complying with the
Florida Building Code
Date 05/16/2024
NOA# 23-1122.05
Miami Dade Product Control

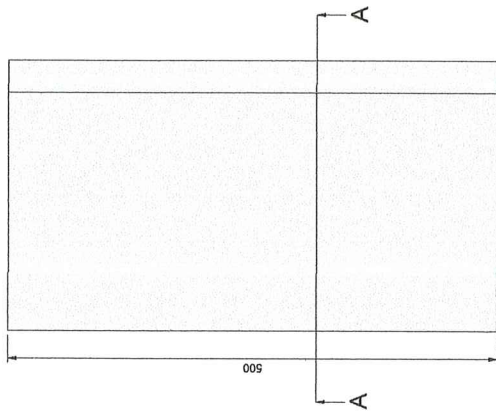
By *Signature*

Spec: Kalzip 65/305 x 1.0 mm thick aluminum
Company: Kalzip GmbH
Page: 6 of 14
Professional Engineer: Daniel P. Vinet
License number: PESS637

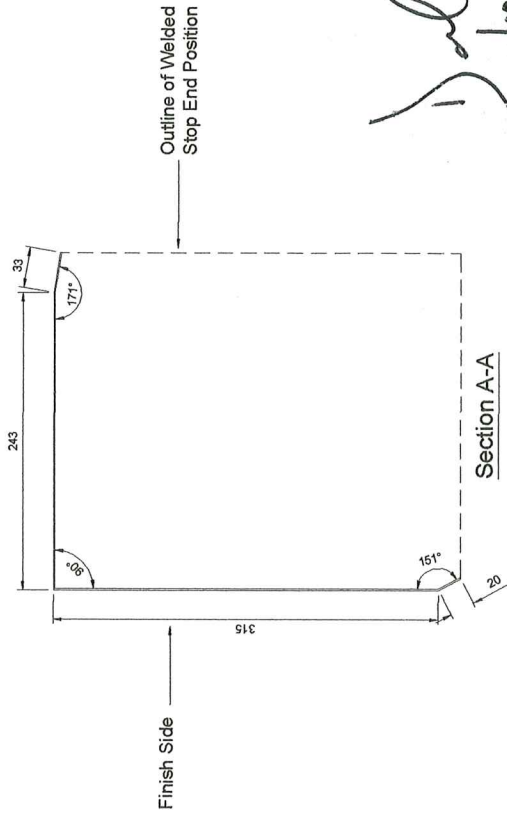


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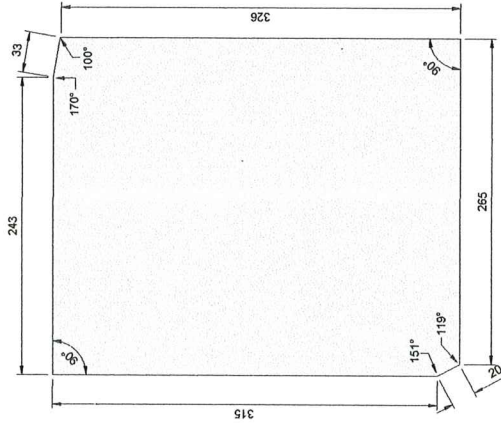
Dicke	THICKNESS	1.0mm	Position	ITEM	Verge/Ridge Corner Flashing B	Zeichnungsnr.	F-01b
Länge	LENGTH	As Stated	Bauvorhaben	PROJECT TITLE	Dade County Testing	DRAWING NO.	F-01b
Material	MATERIAL	Aluminium	Kunde	CUSTOMER NAME	KALZIP Ltd.	COMP. MARK	COMP. MARK
Stückzahl	PIECES	2	Pos/AB-Nr/Ver	ORDER-NO.		DATE	DATE
						Revision	Revision
						REVISION	REVISION
						Name	Signature
						30.11.21	30.11.21
						01	01
						Kalzip GmbH	Kalzip GmbH



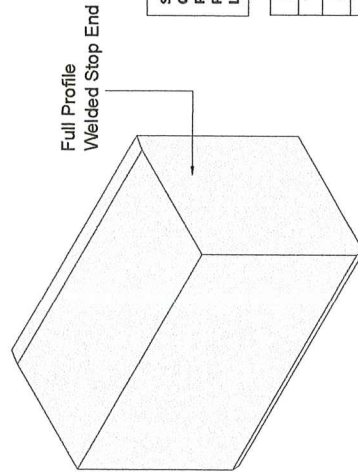
Top View



Section A-A



Stop End



Isometric

Spec: Kalzip 65/305 x 1.0 mm thick aluminum
 Company: Kalzip GmbH
 Page: 7 of 14
 Professional Engineer: Daniel P. Vinet
 License number: PE55637

Dicke	1.0mm	Position	Eaves Stop End	Zeichnungsnr.	F-02
THICKNESS		ITEM		DRAWING NO.	
Länge	As Stated	Bauvorhaben	Dade County Testing	Marke	F-02
LENGTH		PROJECT TITLE		COMP. MARK	
Material	Aluminium	Kunde	KALZIP Ltd.	Datum	
MATERIAL	Stucco Embossed	COSTUMER NAME		DATE	
Stückzahl	1	Pos/AB-Nr/Ver		Revision	
PIECES		ORDER-NO.		REVISION	

Name
 SIGNATURE

30.11.21

AH

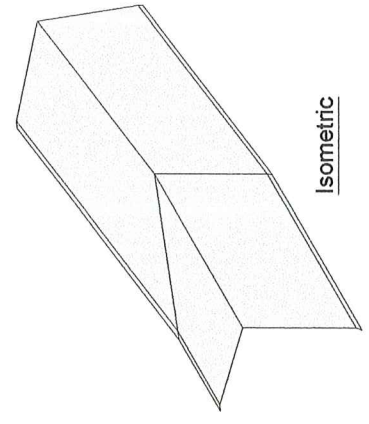
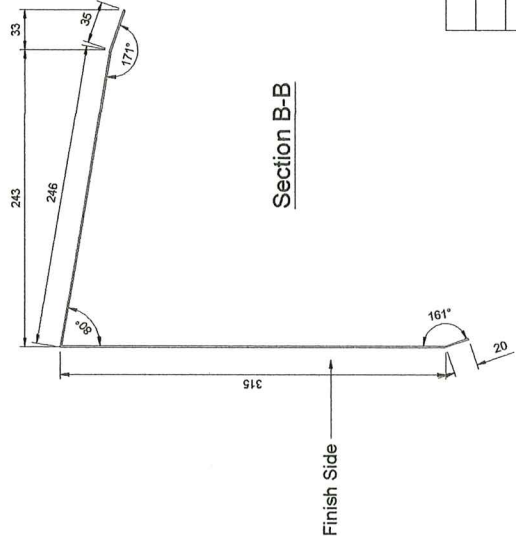
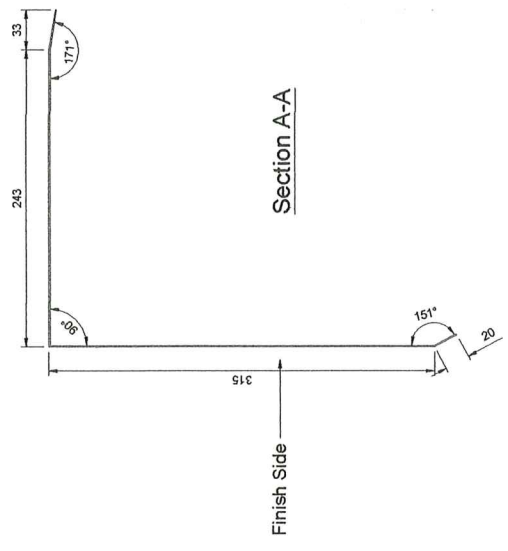
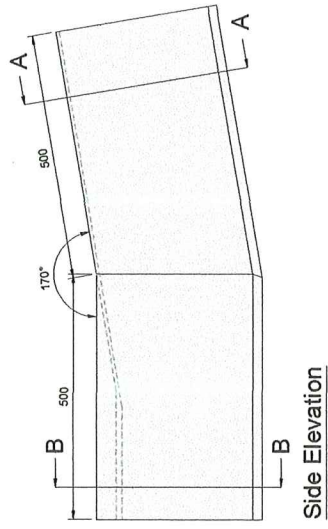
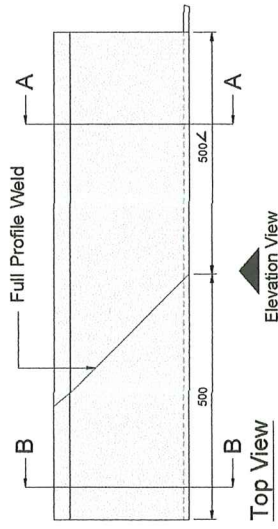
Kalzip GmbH

01

REVISION

Approved as complying with the
 Florida Building Code
 Date 05/16/2024
 NOA# 23-122-05
 Miami Dade Product Control
 By H. A. Miller

11/13/23



Approved as complying with the
 Florida Building Code
 Date 05/16/2024
 NOA# 23-122-05
 Miami Dade Product Control
 By [Signature]

Spec: Kalzip 65/305 x 1.0 mm thick aluminum
 Company: Kalzip GmbH
 Page: 8 of 14
 Professional Engineer: Daniel P. Vinet
 License number: PE55637

Dicke	1.0mm	Position	ITEM	Zeichnungsnr.	F-03
THICKNESS	As Stated	ITEM	Bauvorhaben	DRAWING NO.	F-03
Länge	Aluminium	PROJECT TITLE	Kunde	Marke	COMP. MARK
LENGTH	Stucco Embossed	COSTUMER NAME	KALZIP Ltd.	Datum	DATE
Material	1	Pos/AB-Nr/Ver	ORDER-NO.	Revision	REVISION
MATERIAL					
Stückzahl					
PIECES					

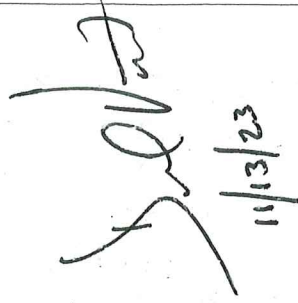
Kalzip GmbH

Kalzip GmbH



Spec: Kalzip 65/305 x 1.0 mm thick aluminum
Company: Kalzip GmbH
Page: 10 of 14
Professional Engineer: Daniel P. Vinet
License number: PE55637

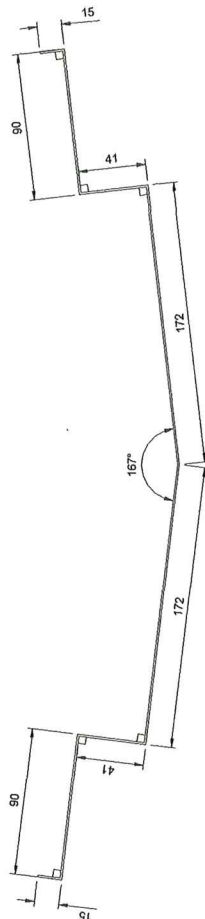
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THICKNESS									
Länge	2000mm	Bauvorhaben PROJECT TITLE	Dade County Testing	Marke COMP. MARK	F-05				
LENGTH									
Material	Aluminium	Kunde	KALZIP Ltd.	Datum DATE	30.11.21			Name SIGNATURE	AH
MATERIAL	Stucco Embossed	COSTUMER NAME							
Stückzahl	6	Pos/AB-Nr/Ver		Revision REVISION	01			Kalzip GmbH	
PIECES		ORDER-NO.							



By Heidi A. Vlach

INDEX	ANDEPING	DATUM	NAME

Kalzip

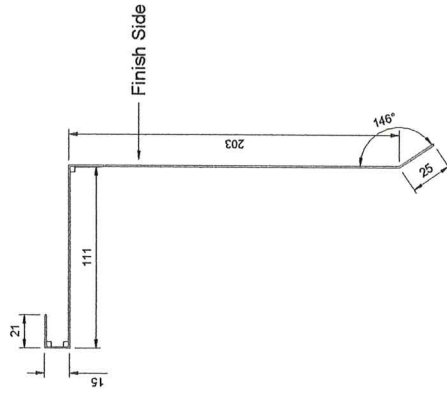


[Signature]
11/13/23

Approved as complying with the
Florida Building Code
Date 05/16/2024
NOA# 23-1122-08
Miami Dade Product Control
By He J. A. M. M.

Spec: Kalzip 65/305 x 1.0 mm thick aluminum
Company: Kalzip GmbH
Page: 12 of 14
Professional Engineer: Daniel P. Vinet
License number: PES5637

Dicke	1.0mm	Position	Valley Flashing	Zeichnungsnr.	F-07	INDEX	ÄNDERUNG	DATUM	NAME
THICKNESS		ITEM		DRAWING NO.					
Länge	2000mm	Bauvorhaben	Dade County Testing	Marke	F-07				
LENGTH		PROJECT TITLE		COMP. MARK					
Material	Aluminium	Kunde	KALZIP Ltd.	Datum					
MATERIAL	Stucco Embossed	COSTUMER NAME		DATE					
Stückzahl	2	Pos/AB-Nr/Ver		Revision	30.11.21				
PIECES		ORDER-NO.		REVISION	01				
Kalzip GmbH									

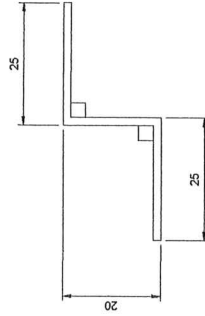


[Handwritten Signature]
11/13/23

Approved as complying with the
Florida Building Code
Date 05/16/2024
NOA# 23-1122.05
Miami Dade Product Control
By H. G. H. Miller

Spec: Kalzip 65/505 x 1.0 mm thick aluminum
Company: Kalzip GmbH
Page: 13 of 14
Professional Engineer: Daniel P. Vinet
License number: PES5637

Dicke		Position		Zeichnungsnr.	
THICKNESS	1.0mm	ITEM	Eaves Flashing	DRAWING NO.	F-08
Länge	2000mm	Bauvorhaben	Dade County Testing	Marke	F-08
LENGTH		PROJECT TITLE		COMP. MARK	
Material	Aluminium	Kunde	KALZIP Ltd.	Datum	30.11.21
MATERIAL	Stucco Embossed	COSTUMER NAME		DATE	30.11.21
Stückzahl	1	Pos/AB-Nr/Ver		Revision	01
PIECES		ORDER-NO.		REVISION	
			Name		
			SIGNATURE		
			AH		
			Kalzip GmbH		



Approved as complying with the
Florida Building Code
Date 05/16/2024
NOA# 23-152-05
Miami Dade Product Control

By [Signature]

Spec: Kalzip 65/305 x 1.0 mm thick aluminum
Company: Kalzip GmbH
Page: 14 of 14
Professional Engineer: Daniel P. Vinet
License number: PES5637

Dicke	2.0mm	Position	Ridge Closure Support	Zeichnungsnr.	F-09	INDEX	ÄNDERUNG	DATUM	NAME
THICKNESS		ITEM		DRAWING NO.					
Länge	150mm	Bauvorhaben	Dade County Testing	Marke	F-09				
LENGTH		PROJECT TITLE		COMP. MARK					
Material	Aluminium	Kunde	KALZIP Ltd.	Datum	30.11.21	Name			
MATERIAL	Mill	COSTUMER NAME		DATE		SIGNATURE			
Stückzahl	1	Pos/AB-Nr/Ver		Revision	01				
PIECES		ORDER-NO.		REVISION					
						Kalzip GmbH			

[Signature]
11/13/23