

Product Report**Manufacturer: Golden Giant, Inc.****13300 South Vision Drive****Kenton, Ohio 43326****(419) 674-4038****Florida Product Approval #4216.1 24GA Reverse Rib Wall Panel over Open Framing HVHZ**

**Compliant with Florida Building Code 2023 8th ed. Compliant with
Florida Product Approval Rule # 61G20-3 Compliant: Farabaugh
Engineering & Testing**

Method 1-D**Product: 24GA Reverse Rib Wall Panel over Open Framing****Yield strength: 50 ksi min.****36" Coverage****Major Rib Height 1-1/4" @ 12" o.c.****Substrate: min. 16GA steel framing****Fastener: #12-14 HWH SD w/ sealing washer****Panel side laps to be fastened together w/ 1/4-14 x 7/8" HWH SD w/ sealing washer at 20" o.c.****ALL Fasteners shall be corrosion resistant compliant per FBC 2023 8th ed.****Paint Coating: (Optional) Akzo Nobel's Polydure, Ceram-A-Star, Trinar Coating****Install per manufacturer's details and in compliance with FBC 2023 8th ed.****Insulation: Optional, Manufacturer approved product.**

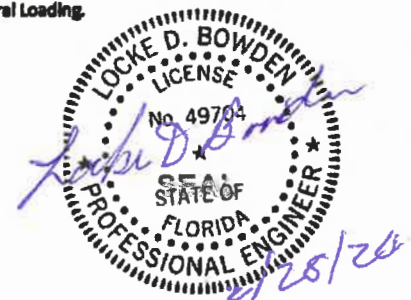
Install Details: Table A	Allowable Loads	
DESIGN PRESSURE*	-52.5 PSF	+52.5 PSF
FASTENING PATTERN	12"-12"-12"	12"-12"-12"
FASTENER SPACING	5' o.c.	5' o.c.

Reference Data:**Farabaugh Engineering & Testing (TST-1654)****T279-07****TAS 201-94/TAS 202-94/TAS 203-94****PRI Asphalt Technologies****TAS-110 Akzo Nobel's Polydure, Ceram-A-Star, Trinar coated
metal panel testing****West Penn Material Evaluation****ASTM E 8, Fy=53.9ksi****Limitations:**

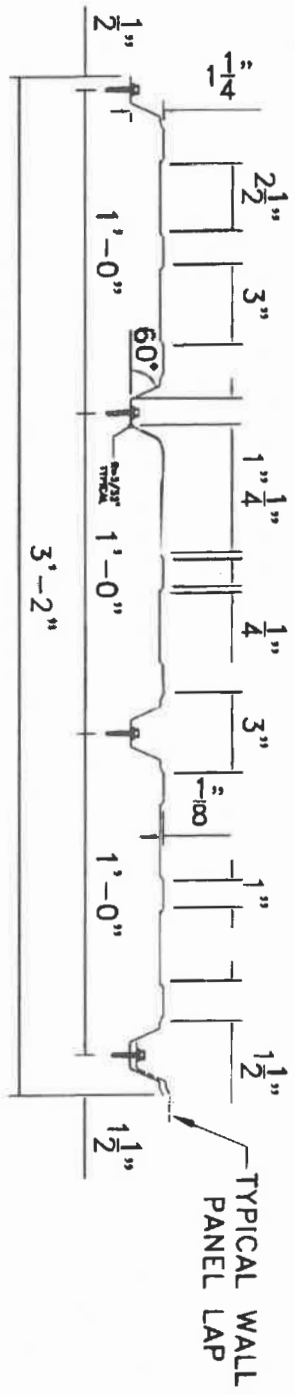
1. Minimum slope to be compliant with Florida Building Code 2023 8th ed., and per with Manufacturer's installation reference.
2. Products are compliant with State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
3. Engineering analysis for "project specific approval by local authorities w/jurisdiction is allowed by other registered engineers.
5. Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
6. Support framing in compliance w/FBC 2023 8th ed., Chapter 22 Steel, Chapter 23 Wood and Chapter 16 Structural Loading.
7. This report does not imply warranty, installation, recommended product use outside of this report.

Certificate of Independence:

**Locke Bowden P.E. does not have nor will acquire a financial
interest in any company manufacturing or distributing
products under this Evaluation. Locke Bowden P.E. is not owned,
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distributing products under this report.**



OUTSIDE FACE
OF WALL PANEL



GOLDEN GIANT REVERSE RIB PANEL

GOLDEN GIANT
REVERSED RIB
PANEL PROFILE

GOLDEN **GIANT**
BUILDING SYSTEMS

13300 S. Vision Drive
P.O. Box 388
Kenton, OH 41328
www.goldengiant.com

Office: 419-874-4038
Office: 800-838-1208
Fax: 419-875-1584

DATE: _____

DRAWN BY: _____

JOB NO. _____

SHEET _____

NOTE: SOME BUILDINGS MAY HAVE MORE FRAME LINES THAN WHAT ARE SHOWN. ALL INTERMEDIATE TEK SCREW POSTIONS ARE TYPICAL AS SHOWN.

USE (3) #12-14 TEK SCREWS
AT THE CENTERLINE OF THE
EAVE STRUT OR RAKE
CHANNEL.

USE (3) #12-14 TEK SCREWS
AT THE CENTERLINE OF
EACH GIRT.

USE (3) #12-14 TEK SCREWS
AT THE CENTERLINE OF
EACH GIRT.

USE (3) #12-14 TEK SCREWS
AT THE CENTERLINE OF THE
BASE ANGLE

USE (1) 1/4-14 STITCH
TEK SCREW AT EACH
FRAME LINE AND A
MAXIMUM OF 20"
SPACING BETWEEN FRAME
LINES

UNDERLAP SIDE
OVERLAP SIDE

SIDEWALL & ENDWALL
PANEL TEK POSITION DETAIL
(GOLDEN GIANT REVERSE RIB)

SHEET

JOB NO.

DRAWN BY:

DATE:



13300 S. Vision Drive
P.O. Box 309
Kenton, OH 43326
www.goldengiant.com

office: 419-874-6038
office: 800-828-1209
fax: 419-873-1384

REVERSE RIB
PANEL TEK POSITION
DETAIL

Product Report

Manufacturer: Golden Giant, Inc.

13300 South Vision Drive

Kenton, Ohio 43326

(419) 674-4038

Florida Product Approval #4216.2 24GA Rib Wall Panel over Open Framing HVHZ**Compliant with Florida Building Code 2023 8th ed. Compliant with Florida****Method 1-D****Product Approval Rule # 61G20-3 Compliant: Farabaugh Engineering &****Testing Compliant with ASCE 7-22****Product: 24GA Rib Wall Panel over Open Framing****Yield strength: 50 ksi min.****36" Coverage****Major Rib Height 1-1/4" @ 12" o.c.****Substrate: min. 16GA steel framing****Fastener: #12-14 HWH SD w/ sealing washer****Panel side laps to be fastened together w/ 1/4"-14 x 7/8" HWH SD w/ sealing washer at 30" o.c.****ALL Fasteners shall be corrosion resistant compliant per FBC 2023 8th ed.****Paint Coating: (Optional) Akzo Nobel's Polydure, Ceram-A-Star, Trinar Coating****Install per manufacturer's details and in compliance with FBC 2023 8th ed.****Insulation: Optional, Manufacturer approved product.**

Install Details: Table A	Allowable Loads	METHOD 1	METHOD 2
DESIGN PRESSURE*		-52.5 PSF	+52.5 PSF
FASTENING PATTERN		12"-12"-12"	12"-12"-12"
FASTENER SPACING		5' o.c.	5' o.c.

Reference Data:**Farabaugh Engineering & Testing (TST-1654)****T278-07****TAS 201-94/TAS 202-94/TAS 203-94****PRI Asphalt Technologies****TAS-110 Akzo Nobel's Polydure, Ceram-A-Star, Trinar coated****metal panel testing****West Penn Material Evaluation****ASTM E 8, Fy=48.6 ksi****Limitations:**

1. Minimum slope to be compliant with Florida Building Code 2023 8th ed., and per with Manufacturer's installation reference.
2. Products are compliant with State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
3. Engineering analysis for "project specific approval by local authorities w/jurisdiction is allowed by other registered engineers.
4. Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
5. Support framing in compliance w/FBC 2023 8th ed., Chapter 22 Steel, Chapter 23 Wood and Chapter 16 Structural Loading.
6. This report does not imply warranty, installation, recommended product use outside of this report.

Certificate of Independence:

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NOTE: SOME BUILDINGS MAY HAVE MORE FRAME LINES THAN WHAT ARE SHOWN. ALL INTERMEDIATE TEK SCREW POSITIONS ARE TYPICAL AS SHOWN.

USE (6) #12-14 TEK SCREWS
AT THE CENTERLINE OF
THE EAVE STRUT OR
RAKE CHANNEL.

USE (3) #12-14 TEK SCREWS
AT THE CENTERLINE OF
EACH GIRT.

USE (3) #12-14 TEK SCREWS
AT THE CENTERLINE OF
EACH GIRT.

USE (6) #12-14 TEK SCREWS
AT THE CENTERLINE OF THE
BASE ANGLE.

*USE (1) 1/4-14 STITCH
TEK SCREW AT EACH GIRT
OR A MAXIMUM
30" SPACING

*USE (1) 1/4-14 STITCH
TEK SCREW AT BASE
ANGLE

"INTERIOR ZONE CONDITION"
WALL PANEL TEK POSITION
DETAIL (GOLDEN GIANT RIB)

SHEET	JOB NO.	DRAWN BY:	DATE:			13500 S. Vinton Drive P.O. Box 589 Kenton, OH 43326 www.goldengiant.com	

INTERIOR ZONE PANEL TEK POSITION DETAIL (GGRIB)

NOTE: SOME BUILDINGS MAY HAVE MORE FRAME LINES THAN WHAT ARE SHOWN. ALL INTERMEDIATE TEK SCREW POSTIONS ARE TYPICAL AS SHOWN.

USE (6) #12-14 TEK SCREWS
AT THE CENTERLINE OF
THE EAVE STRUT OR
RAKE CHANNEL.

USE (6) #12-14 TEK SCREWS
AT THE CENTERLINE OF
EACH GIRT.

USE (6) #12-14 TEK SCREWS
AT THE CENTERLINE OF
EACH GIRT.

USE (6) #12-14 TEK SCREWS
AT THE CENTERLINE OF THE
BASE ANGLE.

*USE (1) 1/4-14 STITCH
TEK SCREW AT EACH GIRT
OR A MAXIMUM
30" SPACING

*USE (1) 1/4-14 STITCH
TEK SCREW AT BASE
ANGLE

"EDGE ZONE CONDITION"
WALL PANEL TEK POSITION
DETAIL (GOLDEN GIANT RIB)

SHEET	DATE:	 13300 S. Vision Drive P.O. Box 388 Kenton, OH 43326 www.goldengiant.com
	DRAWN BY:	
	JOB NO.	

EDGE & END ZONE
PANEL TEK POSITION
DETAIL (GGRIB)

office: 419-874-4038
office: 800-828-1209
fax: 419-873-1384



**GOLDEN GIANT RIB
PANEL PROFILE**



DATE: _____

DRAWN BY:

JOB NO.

SALE

Product Report

Manufacturer: Golden Giant, Inc.

13300 South Vision Drive

Kenton, Ohio 43326

(419) 674-4038

Florida Product Approval #4216.3 26GA Rib Wall Panel over Open Framing NON-HVHZ**Compliant with Florida Building Code 2023 8th ed.****Method 1-D****Compliant with Florida Product Approval Rule # 61G20-3 Compliant Quality****Assurance: Farabaugh Engineering & Testing Compliant with ASCE 7-22****Product: 26GA Rib Wall Panel over Open Framing Structural Wall Panels****Yield strength: 50 ksi min. 36" Coverage****Major Rib Height 1-1/4" @ 12" o.c.**

Substrate: Min. 16GA steel framing; Designed compliant w/ Florida Building Code 2023 8th ed. Fastener: #12-14 HWH SD w/ sealing washer fastening on each side of rib. *see install details*
Panel side laps to be fastened together w/ 1/4"-14 x 7/8" HWH SD w/ sealing washer at steel purlin supports and mid-span. *see install details*

ALL fasteners shall be Corrosion Resistant compliant per FBC 2023 8th ed.**Paint Coating: Optional****Install per manufacturer's details and in compliance with FBC 2023 8th ed.****Insulation: Optional, Manufacturer approved product.****Design Pressure Margin of Safety 2:1*

Install Details: Table A	Allowable Loads	
DESIGN PRESSURE*	-55.3 PSF	+55.3 PSF
FASTENING PATTERN	8" - 4" - 8" - 4" - 8"	8" - 4" - 8" - 4" - 8"
FASTENER SPACING	4' o.c.	4' o.c.

Reference Data:

Force Engineering & Testing

PRI Asphalt Technologies

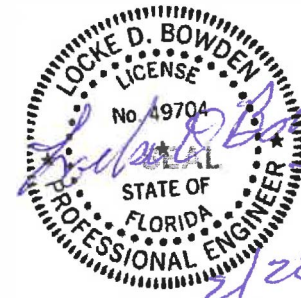
#125-0349T-06 ASTM E 330-02 Uniform Static Air Pressure Testing,
TAS-110 Akzo Nobel's Polydure, Crema-A-Star, Trinar Coated
Metal Panel Testing

Limitations:

1. Minimum slope to be compliant with Florida Building Code 2023 8th ed., and per with Manufacturer's installation reference.
2. Products are compliant with State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
3. Engineering analysis for "project specific approval by local authorities w/ jurisdiction is allowed by other registered engineers.
4. Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
5. Support framing in compliance w/ FBC 2023 8th ed., Chapter 22 for Steel, and Chapter 16 for Structural Loading.
6. This report does not imply warranty, installation, recommended product use outside of this report.

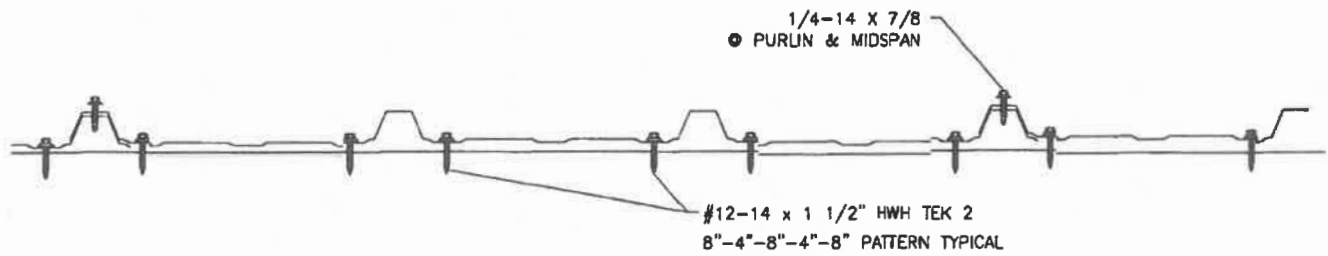
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GOLDEN GIANT 26GA WALL PANEL OVER OPEN FRAMING

FASTENER PATTERN



26 Ga. Golden Giant Rib Wall Panel over open framing

NOTE: SOME BUILDINGS MAY HAVE MORE FRAME LINES THAN WHAT ARE SHOWN. ALL INTERMEDIATE TEK SCREW POSITIONS ARE TYPICAL AS SHOWN.

USE (6) 1 1/2" TEK SCREWS
AT THE CENTERLINE OF THE
EAVE STRUT OR RAKE
CHANNEL.

USE (6) 1 1/2" TEK SCREWS
AT THE CENTERLINE OF
EACH GIRT.

USE (6) 1 1/2" TEK SCREWS
AT THE CENTERLINE OF
EACH GIRT.

USE (6) 1 1/2" TEK SCREWS
AT THE CENTERLINE OF THE
BASE ANGLE OR CHANNEL.

USE (1) 7/8" STITCH
TEK SCREW AT EACH
FRAME LINE AND
USE (1) 7/8" STITCH
TEK SCREW BETWEEN
EACH FRAME LINE.

UNDERLAP SIDE

OVERLAP SIDE

SIDEWALL & ENDWALL
PANEL TEK POSITION DETAIL
(GOLDEN GIANT RIB)